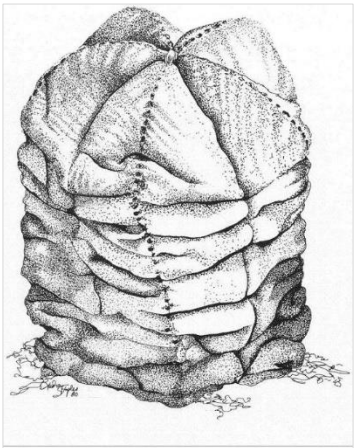
A HISTORICAL RECORD
of
AUTHORS
of
CACTUS & SUCCULENT


Astrophytum myriostigma

"PLANT NAMES" & "BOOKS"

[with other 'limited' historical data]

for the AMATEUR Hobbyist

Volume 2: Book Reviews & L - Z

February 2024

Compiled by: Charles (Chuck) J. Staples
Des Moines, Iowa USA

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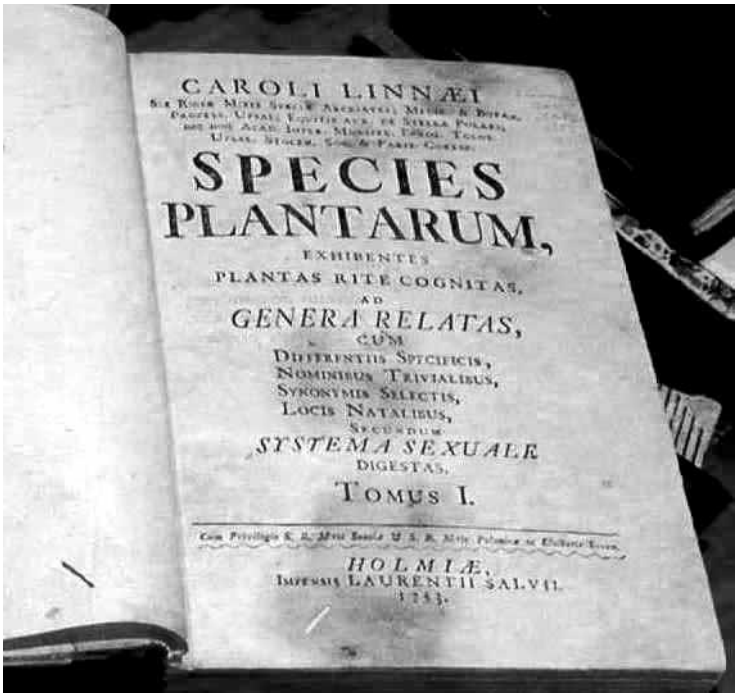
This 2024 copy contains mostly historical data from my 2013 book plus some additions, corrections and pictures of many of the important Succulentists that I have in my files == not a data revision.

A special dedication to Lee Janney Miller (1947–2018) who was a bibliophile, succulentophile, CSSA Officer, librarian, traveler to various countries to see plants in habitat, dedicated friend to CSSA and my friend. Chuck Staples



Species Plantarum 1753
This book by Carolus Linnaeus was accepted at the International Botanical Congress of Vienna in *1905 as the beginning of modern systematic botany*.
Photo by Chuck Staples in 2003 at Missouri Botanical Garden Herbarium & Library, St. Louis, Missouri.

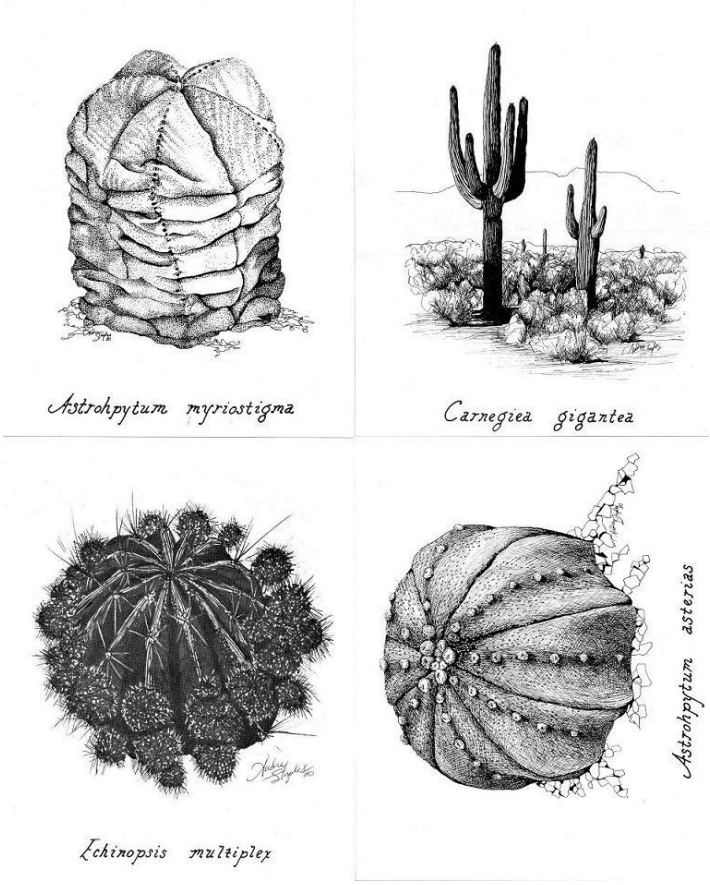
References Cited of authors of books, booklets, pamphlets, papers, journals, etc., reviewed in compiling this historical record:

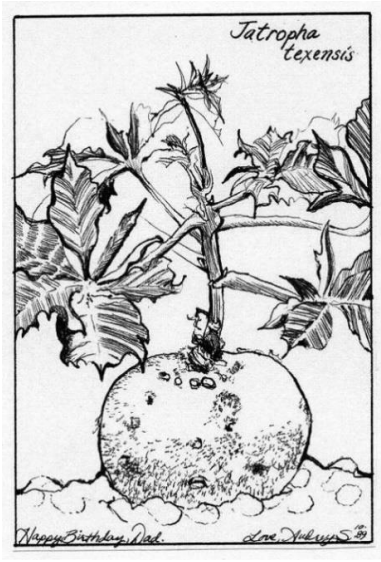
Albers, Focke & Meve, Ulrich (Editors) — ***Illustrated Handbook of Succ Plants; Asclepiadaceae*** *(2002).*
Anderson, Edward F — ***The Cactus Family*** *(2001).*
Bally, PRO — ***The Genus Monadenium*** *(1961).*
Barkhuizen, BP — ***Succ of Southern Africa*** *(1978).*
Barthlott, Wilhelm — ***Cacti*** (1979).
Bayer, MB — ***The New Haworthia Handbook*** *(1982).*
BCSS C&S Journal (title '**CactusWorld**' 2006~) — 1983–2013.
Bornman, Chris — ***Welwitschia*** *(1978).*
Bornman, Hans & Hardy, David — ***Aloes of The South African Veld*** *(1971).*
Bradleya, Yearbook of British C&SS — 1983, 1997–98, 2002, 2003, 2008–12 (**except Opuntia Index 16/1998~)**.
Bregman, Rob — ***The Genus Matucana*** *(1996).*
Britton & Rose — ***THE CACTACEAE***, *Vols I, II, III & IV (1919–23).*
Brown, NE— ***Sansevieria*** *(1915)* from XXI Bulletin of Royal Botanic Gardens, Kew.
Brown, NE; Tischer, A; & Karsten, MC — ***Mesembryanthema*** *(1931).*
Bruyns, Peter — ***The Genus Ceropegia on the Canary Islands*** *1985*.
Cactus File Magazine, The — May 91, Aug 91, Feb 92, May 92, Aug 92, Nov 92, Feb 93, May 93, Aug 93, Nov 93, Feb 94, May 94, Nov 94, Feb 95, May 95, Aug 95, Nov 95, Feb 96, May 96, Aug 96, Nov 96, Feb 97.
Carter, Susan — ***New Succ Spiny Euphorbias from East Africa*** *(1982).*
Castle, Lewis — ***Cactaceous Plants, Their History & Culture*** *(1974).*
Charles, Graham — ***Copiapoa*** *(1998).*
— ***Gymnocalycium in Habitat & Culture*** *(2009).*
Cole, Desmond T — ***Lithops – Flowering Stones*** *(1988).*
Craig, RT — ***The Mamm Handbook*** *(1945).*
CSSA C&S Journal (US) — 1929–2013.
CSSGB C&S Journal (Eng) — 1932–1982.
Dyer, R Allen — ***Ceropegia, Brachystelma & Riocreuxia*** *(1983).*
Eggli, Urs & Newton, Leonard E — ***Etymological Dictionary of Succ Plant Names*** *(2004).*
Eggli, Urs — ***Haworthia & Related S African Succ*** *(1997)* (& Eng version edited by H Mays).
— ***Illustrated Handbook of Succ Plants***: (Editor)
—***Monocotyledons (2001), Dicotyledons*** *(2002) & Crassulaceae (2003).*
—***Etymological Dictionary of Succulent Plant Names*** *[w LE Newton] (2004).*
Euphorbia Review of the International Euphorbia Soc: 1935 (1–4), 1936 (1–4), 1937 (1–2) [pub only 2½ yrs].
Everson, Chuck — ***Personal book listing***.
— ***Rainbow Gardens Book List***.
Fearn, Brian — ***Lithops*** *(1981).*
Glass, Charles E — ***Guide to the Identification of Threatened Cacti of Mexico*** *(1998).*
Glen, HF & Germishuizen, G — ***Botanical Exploration of southern Africa****—edition 2 (2010).*
Grantham, Keith & Klaassen, Paul — ***The Plantfinder's Guide to C&OS*** *(1999).*
Halliday, Patricia — ***Noteworthy Species of Kleinia (Hooker's Icones Plantarum)*** *(1988).*
Hammer, Steven — ***Dumpling & His Wife: New Views of the Genus Conophytum*** *(2001).*
—***Mesembs: The Titanopsis Group*** *(2013).*
— ***The Genus Conophytum, A Conograph*** *(1993).*
Hardy, David — *Succ of the Transvaal (1992).*

Hartmann, Heidrun EK (Editor) — ***Illustrated Handbook of Succ Plants: Aizoaceae A–E & F–Z*** *(2001).*
Haseltonia, Yearbook of CSSA — 1–18.
Herm, Hofacker, Charles, van Heek, Bohle, Strecker & Heimen — ***Kakteen in Brasilien (Cacti in Brazil)*** *(2001).*
Henrickson, J — ***A Taxonomic Revision of the Fouquieriaceae*** *(1972).*
Herre, H — ***The Genera of the Mesembryanthemaceae*** *(1971).*
Hofman, Albert — *Catalogue of the Library of Succ Plants of Albert Hofman 1995*.
Hunt, David
— ***A new review of Mamm Names*** *(1987).*
— ***Cites Checklist(Cactaceae)*** *(1999)* (p147–159).
— ***The Genera of the Cactaceae*** *(1979).*
— ***The New Cactus Lexicon Vol 1*** *(Text)* & ***Vol 2 (Atlas)*** *(2006).*
International Plant Names Index ***(IPNI)*** computer web site — people names, dob & dod — plant locality & date described.
Isley, Duane — ***One Hundred & One Botanists*** *1994*.
Jaarsveld, EJ van & Koutnik, Daryl — ***Cotyledon & Tylecodon*** *(2004).*
Jaarsveld, EJ van & Pienaar, U de V — ***Vygies, Gems of the World*** *(2000).*
Jacobsen, Hermann — ***On Succ Plants*** *(1949).*
Kerkham, AS (compiled by) — ***S African Bot Literature*** *1600–1988 (1988).*
Kiew, Ruth — ***The Taxonomy & Phytochemistry of the Asclepiadaceae in Tropical Asia*** *(1994).*
Kristen, Martin — ***Succ Bibliography*** *(08/18/01).*
Lavranos, Rapanarivo, Leeuwenberg & Roosli —***Pachypodium (Apocynaceae) Taxonomy, Habitats & Cultivation*** *(1999).*
Lawrie, Ian — ***Coryphantha & Associated Genera*** *(1988).*
MacPhail, Ian (compiled by) — ***Hortus Botanicus, The Bot Garden & The Book*** *(1972).*
Masson, Francis — ***Stapeliae Novae***.
Mathew, Brian — ***The Genus Lewisia*** (*1989*).
McKelvey, Susan — ***Yuccas of the SW US*** *(1947).*
NCSS C&S Journal (Eng) — 1946–1982.
Nel, GC — ***The Gibbaeum Handbook*** *(1953).*

Newton, LE — ***Succ Plants in Print*** *(1987).*
— ***Peter Bally and His Succulent Plan Legacy*** *(1999).*
— ***Taxonomy Without (too many) Tears*** *(2003).*
— ***A Check-list of Kenyan Succ Plants*** *(2003).*

— ***The Pollination of East African Succ Plants*** *(2005).*
—***Etymological Dictionary of Succulent Plant Names*** *[w U Eggli] (2004).*
Pilbeam, John; Rodgerson, Chris; & Tribble, Derek — ***Adromischus*** *(1998).*
Pilbeam, John — ***Mamm, A Collector's Guide*** *(1981).*
— ***Sulcorebutia & Weingartia, A Collector's Guide*** *(1985).*
Praeger, R Lloyd — ***An Account of the Genus Sedum as found in Cultivation*** *(1921).*
Quattrocchi, Umberto — ***CRC World Dictionary of Plant Names, Common Names, Scientific Names, Eponyms, Synonyms & Etymology*** *2000* in 4 Vols.
Reynolds, GW — ***The Aloes of S Africa*** *(1982).*
— ***The Aloes of Tropical Africa & Madagascar*** *(1966).*
Rix, Martyn — ***The Art of the Plant World, The Great Bot Illustrators & their Work***.
Rowley, Gordon — ***Adenium & Pachypodium Handbook, The*** *(1983).*
— ***Caudiciform & Pachycaul Succulents*** *(1987).*
— ***Crassula, A Grower's Guide*** *(2003).*
— ***Didiereaceae - Cacti of the Old world*** *(1992).*
— ***History of Succ Plants, A*** *(1997).*
— ***Succulent Compositae*** *(1994).*
Schulz, Ellen D — ***Cactus Culture*** *(1942).*
Schwantes, G — ***The Cultivation of the Mesembs*** *(1954).*
Schwartz, Herman — ***The Euphorbia Journals*** *(1983–97)*: Vols 1–10.
Smith, Chesselet, van Jaarsveld, Hartmann, Hammer, van Wyk, Burgoyne, Klak & Kurzweil
— *Mesembs of the World (1998).*
Sprechman, David L — ***Lithops*** *(1970).*
Stafleu, Frans & Cowan, Richard — ***Taxonomic Literature, 2nd edition (7 volumes)*** *1976–88.*
Stafleu, Frans & Mennega, Erik — ***6 supplement volumes to Taxonomic Literature****, 2nd edition 1992–98.*
Supthut, Dieter — ***Chronicle of 50 Yearsof IOS*** (web site 12/2001).
Tyrrell-Glynn, W & Levyns, MR — ***Flora Africana*** *1600–1963 (1963).*
Walker, Colin — ***Catalogue of the Bot Library of Colin C. Walker*** *(1995).*
White, Alain & Sloane, Boyd — ***The Stapelieae*** *(1937)* (Vols. 1, 2 & 3).
Zappi, Daniela C — ***Pilosocereus (The Genus in Brazil*** *(1994).*





Abbreviations

AD — Anno Domini = on & after year of Christ
Adm div — administrative division(s)
Amer — America, American
BA — Univ Bachelor of Arts
(Baron) — a nobleman, titled peer of the realm
BC — Before Christ
BCSS — British C&SS 1983~. Merger of CSSGB & NCSS
BoD — Board of Directors
Bot / bot — B(b)otanic, B(b)otanical
BS / BSc — Univ Bachelor of Science degree
c — circa (approximate date or number)
c&os — cacti & other succ
C&OS — Cacti & Other Succ
c&s — cacti & succ
C&S — Cactus / Cacti & Succ
C&SS — Cactus & Succ Soc
Calif — California, US
CANTE — garden & herbarium at El Charco Del Ingenio, San

Miguel de Allende, Guanajuato, Mex
(Capt) — Captain – a military title
(Col) — Colonel – a military title
CSSA — C&SS of Amer (US) 1929~
CSSGB — C&SS of Great Britain (1932–1983)
Czech — Czech Rep language
Czech Rep — Czech Republic (Czechoslovakia)
DC — District of Columbia, US — (Washington DC)
Dept /dept — D(d)epartment(s)
desc — described
Dir — director
disc — discovered — this is loosely used to include the earliest recorded discoverer or collector of a plant
DKG — Deutsche Kakteen-Gesellschaft (Ger Cactus Soc)
(Dõna) — honorary Spanish female title of respect
(Dr) — Univ doctorate degree other than (Dr hc) or (Dr med
(Dr hc) — Doctor honoris causa = Univ 'honorary' doctorate degree
(Dr med) — Doctor of Medicine
(Dra) — Doctora (female) w Univ doctorate degree
DS / DSc — Univ Doctor of Science degree
DVD — Digital versatile disk of data
Enc — Encyclopedia
Eng — English, England
et al. — et alii (& others)
etc. — et cetera (& so forth)
fa / f. — forma / form
Fellow — Fellowship award from a natl soc
fl. — floruit (flourished in & around this year)
FLS — Fellow of Linnean Soc, Eng
FRS — Fellow of Royal Soc – Eng
(Fr) — Father (a religious title)
(frere) — brother (a religious title)
GB — Great Britain (Eng, Wales & Scotland)
(**Gen)** — General – a military title
Ger — German, Germany
IAPT— **I**nternational **A**ssociation for **P**lant **T**axonomy
Intro — Introduction(s)
IOS — **I**nternational **O**rganization for **S**ucc Plant Study 1950~
ISI — **I**nternational **S**ucc **I**nstitute 1958-87 (International Succ Intro 1988~)
Jr — Junior (son of Sr)
Kew — Royal Botanic Gardens at Kew, London, Eng (founded 1759)
(Lady) — female title of nobility
LLD — Legum Doctor (Dr of Law)
(Lord) — male title of nobility
(Lt) — Lieutenant – a military title
MA — Univ Master of Arts degree
Mada — Madagascar (Malagasy Republic)
(Madam) — 'my lady', French for married person
(**Major)** — a military title
Mamm — Mammillaria
MD — Medicinae Doctor (Doctor of Medicine)
Mesemb — Mesembryanthem(um)(oideae)
Mex — Mexico, Mexican
(Miss) — not married female person
MKLA — Myron Kimnach Lifetime Achievement (CSSA) award
(Mlle) — Mademoiselle (French), not married female person
(Monsieur) — French, like (Mr)
(Mr) — male person
(Mrs) — married female person
MS / MSc — Univ Master of Science degree
Mtn(s) /mtn(s) — M(m)ountain(s)
N / n — North /north/northern
Na — named after
Nah — named after him / her
Namaq — Namaqualand

Natal — KwaZulu-Natal 1994~
Natl / natl — National/national
NCSS — Natl C&SS of GB (1946-1983)
NE /ne — Northeast / northeastern
Né — male surname before it was changed
née — maiden surname of married female
NW / nw — Northwest / northwestern
NY — state of New York (US)
NYC — city of New York (US)
P — page / pages
PhD — Univ Doctor of Philosophy degree
Pres — president
Prof — professor = teacher of high rank
(Prof) — Professor = Univ title of high rank
Prov / prov — Province / province
Pub — published
Rep — Republic
Rev — revised
(Revd) — Reverend – religious title

RHM — Robert Holt Meritorious BCSS award
RSA — Republic of S Africa
S / s — South / south/southern
SE / se — Southeast / southeastern
Semp — Sempervivum
(Sir) — male title of nobility
Smithsonian Institution — in DC
Soc — Society
Sr — Senior (father of Jr)
(Fr) — Father (a religious title)
(frere) — brother (a religious title)
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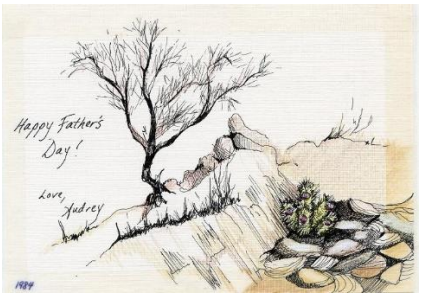
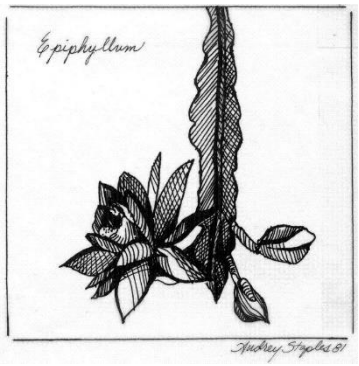
NYC — city of New York (US)
P — page / pages
PhD — Univ Doctor of Philosophy degree
Pres — president
Prof — professor = teacher of high rank
(Prof) — Professor = Univ title of high rank
Prov / prov — Province / province
Pub — published
Rep — Republic
Rev — revised
(Revd) — Reverend – religious title
RHM — Robert Holt Meritorious BCSS award
RSA — Republic of S Africa
S / s — South / south/southern
SE / se — Southeast / southeastern
Semp — Sempervivum
(Sir) — male title of nobility
Smithsonian Institution — in **DC**
Soc — Society
Sr — Senior (father of Jr)

ssp / **subsp** — subspecies
SSSA — Succ Soc of South Africa
STB — Bachelor of Sacred Theology
Succ / **succ** — Succulent(s) / succulent(s)
SW / **sw** — South West / southwest(ern)
Syn — synonym
UNAM — **U**niversidad **N**acional **A**utonoma de **M**ex, Mex City
Univ — University
UK — United Kingdom (Great Britain & N Ireland)
US — United States of Amer, N Amer
USDA — US Dept of Agriculture
v / **var** — variety
VMH — Royal Horticulture Soc Victoria Medal of Honor
Vol / **Vols** — Volume / Volumes
VP / **vp** — Vice President / vice president
W — with
w/o — without
Wm — William

WW I & WW II — 2 world wars in 20th century
Ys — years



& — and
***** — asterisk = footnote
# — number
~ — **on & after** this year
+ — plus
≈ — **prior** to this year
—> — transfer to
? — name or initials of person is missing, or not sure if information is correct
† — known dead
[ ] — another name, spelling of a name, or year book pub
{ } — name (shortened or abbreviated) used in books (author citation)



Symbols

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L

{**L.**}, — See **Linnaeus**, Carolus.

{**L.f.**}, — See Linnaeus' son **Linné**, Carl von.

†**La Barre**, (Prof) (Dr) Raoul **Weston** (13 Dec 1911–Mar 1996); US anthropologist & ethnobotanist; PhD in peyote religion at Yale Univ 1937; studied peyotism & ethnography of Kiowa Indians in field trips to Oklahoma 1935–36; prof of anthropology at Rutgers Univ 1939–43 & at Duke Univ, Durham, North Carolina 1946~; cond cted field research in S Amer 1937 & in China & India 1943–45; spouse Maurine [née Boie] la Barre;
Book [1938] *The Peyote Cult* Hamden, Connecticut; Eng; 188p; (4th edition enlarged 1975 to include "The Peyote Cult" 1938 edition; "20 yrs of Peyote Studies" 1960; "Peyote Studies" 1963 & 1973).

La Croix, Isobyl Florence (1933–); {la Croix}; British botanist; graduate in botany at Univ of Edinburgh, Eng; spent 22 yrs in the Tropics, especially in Africa & lived in Malawi 10 years; later to Scotland; editor of *The Orchid Review*;
desc *species*:
(Sansevieria) **longistyla** (Malawi) 2005 (disc by RK Brummitt c1976),
(Sansevieria) **pedicellata** (Mozambique) 2005.

Labanc, (Dr) Juraj (31 Jan 1935–); Slovakia; PhD 1990; dir of Arboretum Brova Hora (founded 1965 w c&s plants starting in 1972), Techicka Univ at Zvolen, Slovakia;
Book [1973] *Bibliografia Základnej Kaktusárskej Literatúry* Zvolen, Hungary; Hungarian; 138p,
[1985] *Bibliografia Zakladnej Kaktusarskej Literatury 1973–82* Zvolen; 122p,
[1996] *Biblio…….1983–92* Bratislava, Slovakia; 63p.

†**Labarre**, Emile Joseph (8 Dec 1883-10 Jun 1965); Belgium to England to Hilversum, The Netherlands 1902; language teacher & translator; translated books by AJ van Laren; spouse Nicoline de [née Mulert] Labarre;
Book [1931] *Mesembryanthema* [w NE Brown , MC Karsten & A Tischer] Kent, Eng; Eng/Dutch/Ger; 324p; (EJ Labarre, editor of).

Labat, Jean-Noël (23 Dec 1959–9 Jan 2011); {Labat}; French botanist in Paris; collected in Comoro Islands, Mada, Mex & French Guiana;
species **nah:** (Euphorbia) **labatii** (Mada) (desc & nah by WHH Rauh & M Bardot-Vaucoulon 1999).

†**Labillardiere**, [Labillardière,] (Dr med) Jacques Julien Houttou [Houtton] de (28 Oct 1755–8 Jan 1834); {Labill.}; French physician & naturalist; MD at Reims Univ 1779; friend of J Banks & Je Smith while in Eng 1783-85; collected in Australia, Cape, Tasmania, New Zealand & East Indies 1791–96;
desc *species*:
(Cotyledon) **libanotica** (Turkey) 1809 —> **Rosularia sempervivum** ssp **libanotica** by UV Eggli 1988.

†**Labouret**, Jacques (1820–1890); {Labour.}; French botanist & horticulturist; amateur grower w large cactus collection at Raffec, Charente, France; explored in Mex;
Bo?ok[1853] *Monographie de la Famille des Cactées = "Monograph of the family of Cacti"* Paris, France; French; 682p;
desc *species*:
(Cereus) **martinii** (Argentina, Paraguay) 1854 (na R Martin) —> **Harrisia martinii** by NL Britton 1917,
(Cereus) **tetracanthus** (Bolivia) 1855 —> **Harrisia tetracantha** by DR Hunt 1987;
transfer *species*:
"Echinocactus cinnabarinus" (WJ Hooker 1847) —> **Lobivia cinnabarina** 1853.

†**Labroy**, Oscar (1876-1953); {Labroy}; French botanist; chief of Museum of National History 1898~; collected in the State of Amazon, Brazil;
desc *species*:
(Sansevieria) **arborescens** [w J Gerome] (Kenya, Tanzania) 1903 (disc by CJ Sacleux),
(Sansevieria) **fasciata** [w J Gerome} (Congo, Zaire) 1903,
(Sansevieria) **liberica** [w J Gerome] (Central African Rep, Ivory Coast, Ghana, Liberia, Nigeria, Sierra Leone, Togo) 1903,
(Sansevieria) **metallica** [w J Gerome] (Tropical Africa, RSA) 1903,
(Sansevieria) **zanzibarica** [w J Gerome] (Tanzania) 1903.

†**Lacaita**, Charles Carmichael (1853–17 Jul 1933); {Lacaita}; British botanist & barrister; collected in Sikkim & Spain; FLS 1882; spouse Mary Annabel [née Doyle] Lacaita (–28 Jan 1924);
desc *species*:
(Euphorbia) **clavigera** (Swaziland, Transvaal) 1928.

†**Lace**, John Henry (17 Jun 1857–9 Jun 1918); {Lace}; British botanist; to India 1881; dir of forests in India states Chamba & later Quetta 1881–1908; conservator of forests in Burma 1908–13; collected in Afghanistan, Baluchistan, India & Burma;
species **nah:**
(Euphorbia) **lacei** (Thailand, Myanmar) (desc & nah by WG Craib 1911).

Lachaud, Marcel; French horticulturist & writer;
Book [1961] *Plantes Grasses et Cactees* Paris, France; French; 64p + 2 color plates.

†**Lachenal**, [Lachenall,] Wernhardt [Werner] de (23 Oct 1736–4 Oct 1800); {Lachen.}; Swiss botanist; prof of botany & anatomy at Univ of Basel, Switzerland;
spouse Margaretha de Lachenal (1736–1811);
***genus* nah;**
Lachenalia (RSA) (desc & nah by JA Murray 1784).

†**Laet,** Frans [Frantz] de (7 Oct 1866–25 Dec 1928); {De Laet}; Contich, Belgium coffee importer & cactus nurseryman; pub catalogues 1899–1935 from his business 'Établissement Horticole Fr. De Laet';
***genus* nah;**
Delaetia (Chile) (desc & nah by C Backeberg 1962) (syn of Eriosyce PHILIPPI);
***species* nah:**
(Argyroderma) **delaetii** (Little Namaq) (desc & nah by CA Maass 1928),
(Echinocactus) **delaetii** (Salta) (desc & nah by KM Schumann 1901) —> **Gymnocalycium schickendantzii** ssp **delaetii** by GJ Charles 2005,
(Mamm) **delaetiana** (Coahuila, Chihuahua, Durango) (desc & nah by L Quehl 1908) —> **Coryphantha delaetiana** by A Berger 1929,
(Mesemb) **delaetianum** (Great Namaq) (desc & nah by MK Dinter 1923) —> **Dracophilus delaetianum** by MK Dinter & MHG Schwantes 1927,
(Mesemb) **francisci** (Namibia) (desc & nah by MK Dinter & MHG Schwantes 1925 & disc by MK Dinter 1922) —> **Lithops francisci** by NE Brown 1926,
(Trichocaulon) **delaetianum** (Namibia) (desc & nah by MK Dinter 1923 & disc by MK Dinter 1922) —> **Hoodia officinalis** ssp **delaetiana** by PV Bruyns 1993;
disc *species*:
(Cephalocereus) **delaetii** (Coahuila) (desc & nah by RLA Gurke 1909) —> **Echinocereus longisetus** ssp **delaetii** by NP Taylor 1997,
(Mamm) **bombycina** (Jalisco) 1910 (desc by L Quehl 1910).

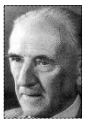
Laferriere, [Laferrière,] (Prof) (Dr) Joseph Edward (1955–); {Laferr.}; US botanist;
PhD at Univ of Arizona, 1991; prof at herbarium, Univ of Arizona, Tucson;
desc *species*:
(Yucca) **declinata** (Sonora) 1995 (disc by HS Gentry 1972);
transfer *species*:
"Dasylirion durangense" (WA Trelease 1911) —> **Dasylirion wheeleri** var **durangense** 1991.

†**Lagasca**, [Lagasca y Segura, La Gasca y Segura,] Mariano (4 Oct 1776–23 Jun 1839); {Lag.}; Spanish botanist; to Eng 1822–31, to Jersey 1831–34 & back to Spain 1834~; prof of botany at Madrid bot garden 1834~; FLS 1831;
desc *genus*:
Polyachyrus (Peru, Chile) 1811;
***species* nah:**
(Sedum) **lagascae** (Spain) (desc & nah by C Pau 1895);
desc *species*:
(Cactus) **serpentinus** [w JD Rodrigues] (Mex) 1801 —> **Peniocereus serpentinus** by NP Taylor 1987.

†**Lagerheim**, (Prof) (Dr) Nils Gustav von (18 Oct 1860–2 Jan 1926); {Lagerh.}; Swedish mycologist, phycologist, microbiologist & cryptogamic botanist; PhD at Uppsala 1893; prof of Cryptogam Systematics at Univ of Quinto, Equador 1889–92; curator at Tromsö, Norway 1892-95; prof of botany at Stockholm, Sweden 1895–1925;

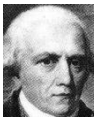
desc *species*:
(Rhipsalis) **rosea** (Brazil) 1912 (disc by PKH Dusen 1909) —> **Hatiora rosea** by WA Barthlott 1987.

Lajos, N;
Book [1981] *Kaktusok* [w S Dezso] Budapest; 293p + 16 color plates.



†**Lam**, (Prof) (Dr) Herman Johannes (3 Jan 1892–15 Feb 1977); Dutch botanist, taxonomist, geographer & phylogenist; PhD at State Univ of Utrecht 1919; botanist at Buitenzorg Herbarium, Bogor, Indonesia 1919–33; prof of botany & dir of Rijksherbarium at Leiden Univ 1934–62; collected in Mada, Comoro Islands, RSA & Mascarene Islands [w ADJ Meeuse] 1938–39 & se Asia, Ceylon, New Zealand, Australia & Ecuador; founded & edited journal *Blumea* 1934~;
***species* nah:**
(Myrmecodia) **lamii** (Papua) (desc & nah by ED Merrill & LM Perry 1945).

Lamarche, Claude;
Book [1988] *J'aime les Cactées* Paris, France; French; 134p.



† **Lamarck**, Jean Baptiste Pierre Antoine de Monet [Monnet] de (1 Aug 1744–18 Dec 1829); {Lam.}; French naturalist, botanist, zoologist, geologist, paleontologist, conchologist, biologist & philosopher; studied medicine; in French army 1761–68; prof of natural history at Jardin du Roi in Paris, France 1779–93; prof of invertebrate* zoology & paleontology at Museum National d'Histoire Naturelle (National Museum of Natural History) in Paris 1793~; originated analytical, dichotomous system of determining the species of plants; proposed a theory of evolution based on a mechanism (inheritance of acquired characters) not accepted today;
*invented the term 'invertebrate' to replace terms 'worms & insects' on his door;
Book [1783–1817] *Encyclopedie Méthodique Botanique* = Methodical Encyclopedia of Botany [w JLM Poiret] Paris, France; in 8 Vols & 5 Supplements;

[1783–85] Vol 1; 752p;
[1786–88] Vol 2; 774p;
[1789–92] Vol 3; 759p;
[1797–98] Vol 4; 754p;
[1804] Vol 5; 748p;
[1804–05] Vol 6; 786p;
[1806] Vol 7; 731p;
[1808] Vol 8; 879p;
[1810–11] Suppl 1; 761p;
[1811–12] Suppl 2; 876p;
[1813–14] Suppl 3; 780p;
[1816] Suppl 4; 731p;
[1817] Suppl 5; 780p,

[1999] Cacti extracted from *[1785] Cacti in Dictionnaire Encyclopédique de Botaniqu*French; 16p,
[1791–1823] *Tableau Encylopedique et Methodique des Trois regnes de la Nature…Botanique* Paris; in 6 Vols;

[1791–92] Vol 1; 352p;
[1792–93] Vol 2; 144p;
[1794] Vol 3; 48p;
[1796–97] Vol 4; 88p;
[1819–23] Vol 5; 415p;
[1823] Vol 6; 728p;

***species* nah:**
(Euphorbia) **lamarckii** (Morocco) (desc & nah by R Sweet 1818);
desc *species*:
(Aloe) **marginata** (Western Cape) 1783 —> **Haworthia marginata** by WT Stearn 1938,
(Aloe) **purpurea** (Mauritius) 1783,

(Aloe) **succotrina** (Cape) 1783 (na country Socotra,
(Aloe) **venosa** (Western Cape, Northern Cape) 1783 —> **Haworthia venosa** by AH Haworth 1821,
(Bryonia) **nana** (Western Cape, Eastern Cape, Natal) 1783 —> **Kedrostis nana** by CA Cogniaux 1881,
(Cacalia) **cylindrica** (Namibia, RSA) 1785 —> **Othonna cylindrica** by AP de Candolle 1838,
(Cactus) **cylindricus** (Ecuador) 1785 —> **Austrocylindropuntia cylindrica** by C Backeberg 1942,
(Cactus) **fimbriatus** (Cuba, Dominican Republic, Haiti, Jamaica, Puerto Rico) 1785 (disc by C Plumier c1695) —> **Stenocereus fimbriatus** by A Lourteig 1991,
(Cactus) **paniculatus** (Haiti, Dominican Rep) 1785 —> **Leptocereus paniculatus** by DR Hunt 1991,
(Cactus) **polygonus** (Bahamas, Cuba, Dominican Rep, Haiti, Florida) 1783 (disc by C Plumier 1690s) —> **Pilosocereus polygonus** by RS Byles & GD Rowley 1957,
(Cissus) **mappia** (Mauritius) 1791 —> **Cyphostemma mappia** by ? Galet 1967,
(Cissus) **repens** (China to New Guinea, India, Queensland) 1783,
(Cotyledon) **pinnata** (Mada) 1786 —> **Kalanchoe pinnata** by CH Persoon 1805,
(Crassula) **acutifolia** (Western Cape, Eastern Cape) 1783 —> **Crassula tetragona** ssp **acutifolia** by HR Tolken 1975,
(Crassula) **fascicularis** (Western Cape) 1786,
(Dolichos) **tuberosus** (West Indies, western S Amer) 1786 —> **Pachyrhizus tuberosus** by KPJ Sprengel 1827,
(Euphorbia) **longifolia** (Madeira Islands, Canary Islands) 1788,
(Euphorbia) **lophogona** (Mada) 1788,
(Euphorbia) **loricata** (Western Cape) 1788 (disc by H Claudius 1685),
(Euphorbia) **tridentata** (Eastern Cape) 1786 (disc ≈1720),
(Mesemb) **echinatum** (RSA) 1788 —> **Delosperma echinatum** by MHG Schwantes 1927.

†**Lamb**, **Brian** Michael (26 Jul 1935–12 May 2015); {B.M.Lamb}; British horticulturist, nurseryman, & photographer; joined father in c&s 1952 & continued father's greenhouses to 1987; emigrated to Gibralter, Spain 1987; curator of Gibraltar Bot Gardens 1992–2010; explored in Canary Islands, Madeira Islands & Morocco 1950s, Baja Calif 1963, Florida 1965, Mex & West Indies 1970s–80s; IOS member 1967; CSSA Fellow award 1995; father E Lamb; spouse Sally [née Rossington] Lamb;
Book [1991] *Letts Guide to Cacti of the World* London, Eng; Eng; 215p w 272 color photos,
[1993] *Guide des Cactus du Monde* Lausanne, France; 215p;.
(See E Lamb for more books w father.)
species **nah:**
(Euphorbia) **lambii** (Gomera of Canary Islands) (desc & nah by ER Sventenius 1960);
desc *species*:
(Huernia) **hallii** [w E Lamb] (Namibia) 1958 (na H Hall).

†**Lamb**, **Edgar** (22 Jan 1905–19 May 1980); {Lamb}; British horticulturist & nurseryman; bought WT Neale nursery 1935; founded *The Exotic Collection* greenhouses & publication w spouse 1935~ at Worthing, Sussex, Eng; IOS member 1967; CSSA Fellow award 1975; collected in Canary Islands; son BM Lamb; spouse Doris Lamb (?–22 Aug 1975);
Book [1943] *Flowering Your Cacti* Worthing, Eng; Eng; 56p,
[1948] *Neal's Picture Booklet of C&OS* Worthing; Eng; 46p of pictures, no text,
[1950] *Cactus-like Succ* Worthing; Eng; 63p,
[1950] *Neale's Photographic Reference Plates (combining C&OS)*; Eng; (in 2 parts),
[1955] *The Flowering of Your Cacti* London, Eng; Eng; 80p,
[1955] *How to Make Your Cacti Flower* NYC; Eng; 80p,
[1955–59] *The Illustrated Reference on C&OS* London; Eng;
[1955] Vol 1; 311p w 32 color plates;
[1959] Vol 2; 267p w 76 color plates;

(see Vols 3,4 & 5 below),
[1957] *Stapeliads in Cultivation* London; Eng; 156p w 27 color photos,
[1959] *Cacti from Seed - The Easy Way* London; Eng; 64p;

w son BM Lamb:
[1949–87] *Neale's Photographic Reference Plates* & *Monthly Notes* (1952–87) were issued on monthly basis; over 3,000 photos, in color 1960~,
[1963–78] *The Illustrated Reference on C&OS* London; Eng;
[1963] Vol 3; 326p w 84 color plates;
[1966] Vol 4; 309p w 92 color plates;
[1978] Vol 5; 281p w 100 color plates,
[1969] *Pocket Enc of Cacti in Color (Including Other Succ)* London; Eng (9 languages); 217p w 326 color photos,
[1974] *Colorful C&OS of the Amer Deserts* London; Eng; 236p w 140 color photos,
[1975] *Popular Exotic Cacti in Colour* NYC; Eng/10 languages; 176p w 100 color photos;

desc *species*:
(Huernia) **hallii** [w BM Lamb] (Namibia) 1958 (na H Hall);

desc *variety*:
(Caralluma burchardii var) **sventenii** 1956 (na ER Sventenius),
(Caralluma marlothii var) **viridis** 1956.

Lamb, John W; MS at Univ of Arizona, Tucson 1964; prof of microbiology & medical technology at Univ of Arizona;
Book [1964] *The Fungal Flora of the Slime Flux of Certain Desert Plants* Tucson, Arizona; Eng; 32p; (MS thesis).

†**Lambert**, Jacques G (24 Jul 1923–4 Sep 2013); Belgian student of cacti;
explored in S Amer, especially Argentina;
Book [1993] *Cactus d'Argentine* Roeselare, Belgium; French; 314p w 222 color photos;

desc *species*:
(Gymnocalycium) **acorrugatum** (Argentina) 1988 (disc by him 1983) —> **Gymnocalycium castellanosii** ssp **acorrugatum** by R Kiesling & D Metzing 2003,
(Gymnocalycium) **erinaceum** (Cordoba) 1985 (disc by him 1981);

transfer *species*:
"Lobivia stilowiana" (C Backeberg 1949) —> **Echinopsis stilowiana** by 1993.

†**Lamere**, [Lamère,] (Monsieur) ?; French customs official at Fort Dauphin, Mada; collected in Mada;

disc *species*:
(Pachypodium) **lamerei** (Mada) (desc & nah by C Drake 1899).

Lamontagne, Jean-Claude;
Book [1981] *Cactées et Plantes Grasses* Paris, France; 63p.

†**Lamotte**, Simon Gilbert Martial (1 Mar 1820–23 Feb 1883); {Lamotte}; French pharmacist & botanist; pharmacy degree 1848; prof at École de Médecine et de Pharmacie at Clermont-Ferrand, France 1860;
Book [1864] É*tude sur le Genre Sempervivum L.* Clermont-Ferrand; 57p;

desc *species*:
(Sempervivum) **arvernense** [w H Lecoq] (France, Italy) 1847 —> **Sempervivum tectorum** var **arvernense** by BJM Zonneveld 1999.

Lancaster, Alan Percy- — See **Percy-Lancaster**, Alan.

†**Landbeck**, Christian Ludwig (11 Dec 1807–3 Sep 1890); Ger ornithologist; to Chile 1852~; collected in Chile w RA Philippi;
disc *species*:
(Eulychnia) **acida** (Chile) 1862 (desc by R Phillipi 1864),
(Eulychnia) **castanea** (Chile) 1862 (desc by R Phillipi 1864).

Lane, Stewart Sedgwick (29 Apr 1936–); {S.Lane}; US teacher & clergyman; MA in Eng language & literature at Univ of Minnesota 1959; certificate of distinction at Univ of Michigan 1964; lecturer at Colorado State Univ 1959–65; to Malawi 1965; teacher at Malosa secondary school 1965–73; lecturer & chaplain at Univ of Malawi 1973–2000; explored Aloes in Malawi 1973–2005; interested in Aloe;
Book [2004] *A Field Guide to The Aloes of Malawi* Hatfield, RSA; Eng; 56p w 80 color photos;
desc *species*:
(Aloe) **canis** (Malawi) 2003 (disc by TPJ Campbell-Barker 1973).

†**Lang**, Herbert (24 Mar 1879–29 May 1957); Ger to US 1903; taxidermist & zoologist; worked at museum of Univ of Zurich, Switzerland ≈1903 & at American Museum of Natural History, NYC 1903–26; to Transvaal Museum, RSA 1926~; explored & collected in Belgian Congo 1909–15, Angola 1925, & Kalahari Desert 1930; spouse (widow) [née Serwood] Lang;
***species* nah:**
(Caralluma) **langii** (Bechuanaland) (desc by AC White & BL Sloane 1933 & disc by G van Son 1930) —> **Caralluma knobelii** var **langii** by AC White & BL Sloane 1937;
disc *species*:
(Hoodia) **langii** [w E Schweickerdt] (Cape, British Bechuanaland) 1933 (desc & nah by AA Obermeyer & CL Letty 1937).
(Hoodia) **rosea** [w E Schweickerdt] (Cape, British Bechuanaland) 1933 (desc by AA Obermeyer & CL Letty 1936).

†**Lange**, Friedrich;
Book [1910] *Anatomische untersuchungen Zur Systematik der Aloineen = "Anatomical studies on the systematics of Aloineen" (Aloe, Gasteria, Haworthia, Apicra, Lomatophyllum)* Gottingen, Ger; Ger; 47p; (thesis).

Lange, Michael J (1971–); {Mich.Lange}; Ger freelance conservationist & biologist; primary work is in freshwater biology; student at FH Dresden-Pillnitz; working on phylogeny of genus Echinocereus;
Book 1998] *Echinocereus Monography* [w W Blum, W Rischer & J Rutow]; Ger/Eng; 495p;
transfer *species*:
"Cereus huitcholensis" (FAC Weber 1904) —> **Echinocereus huitcholensis** 1994,
"Cereus mojavensis" (GT Engelmann & JM Bigelow 1856) to **Echinocereus triglochiciatus** ssp **mojavensis** [w W Blum] 1998,
"Cereus paucispinus" (GT Engelmann 1856) —> **Echinocereus coccineus** ssp **paucispinus** [w W Blum & J Rutow] 1998,
"Cereus procumbens" (GT Engelmann 1849) —> **Echinocereus pentalophus** ssp **procumbens** [w W Blum] 1998;
desc *subsp*:
(Echinocereus parkeri ssp) **arteagensis** [w W Blum] (Coahuila, Nuevo Leon) 1998,
(Echinocereus parkeri ssp) **mazapilensis** [w W Blum] (Zacatecas) 1998 (disc by H Sanchez-Mejorada 1987);
transfer *variety*:
"Echinocereus viridiflorus var correllii" (LD Benson 1969) —> **Echinocereus viridiflorus** ssp **correllii** [w W Blum] 1998.

Langman, Ida Kaplan;
Book[1964] *A Selected Guide to the Literature on the Flowering Plants of Mexico* Philadelphia, Pennsylvania; Eng; 1,015p.

†**Langsdorff**, (Dr med) Georg Heinrich von [Grigori Ivanovich] (8 Apr 1774–9 Jun 1852); Prussian aristocrat, politician, physician & naturalist in Russia; explored around world 1803–08 & w AFC Saint-Hilaire in Minas Gerais, Brazil, & consul in Brazil 1813–20;
***species* nah:**
(Cactus) **langsdorfii** (Brazil) (desc & nah by JGC Lehmann 1826) —> **Parodia langsdorfii** by DR Hunt 1997.

†**Lanjouw**, (Dr) Joseph (21 Aug 1902–5 Jan 1984); {Lanj.}; Dutch botanist;
PhD at Utrecht Univ, Netherlands 1931 w thesis on Euphorbiaceae of Surinam; co-founder of Utrecht school of plant taxonomy & of International Association of Plant Taxonomy; rapporteur-général for bot nomenclature 1948–64; co-editor of 'Flora of Surinam' 1932–49 & editor 1949–74; prof of systematic botany at Utrecht Univ 1949–72; explored & collected in Surinam 1933 & RSA 1938;
Book [1931] *The Euphorbiaceae of Surinam* Amsterdam, Netherlands; Dutch; 195p.

†**Lankester**, Charles Herbert (14 Jun 1879–8 Jul 1969); British orchidologist & naturalist in Cartago, Costa Rica; collected in East Africa, Zimbabwe & Sudan 1921–22 & in Central & S Amer at various times from 1919–37; spouse Dorothea Mary [née Hawker Harvey] Lankester;
disc *species*:
(Disocactus) **lankesteri** (Costa Rica) c1940 (desc & nah by MW Kimnach 1979) —> **Pseudorhipsalis lankesteri** by WA Barthlott 1991,
(Werckleocereus) **imitans** (Costa Rica) c1940 (desc by MW Kimnach & PC Hutchison 1956) —> **Weberocereus imitans** by F Buxbaum 1978,
(Weberocereus) **trichophorus** (Costa Rica) c1940 (desc by JH Johnson, Sr & MW Kimnach 1963).

Lanssens, Etienne (fl. 1986); Belgian cactus hobbyist;
***species* nah:**
(Melocactus) **lanssensianus** (Brazil) (desc & nah by PJ Braun 1986).

†**Lantz**, Fred W; Baltimore, Maryland; pub first US monthly journal, Baltimore Cactus Journal 1894–95 w AM Cordray as first editor (less than a year); founding member & secretary of earliest known cactus society in the world, Baltimore Cactus Soc 1889, w founding member JA Becker as president; possibly used the pseudonym 'Fred W Heinz' as editor of a similar journal "Sharon Cactus Guide" in Pennsylvania 1896–97, which started appearing after the Baltimore journal ceased publication.

Laporte, FLN de C de — See **Castelnau**, FLN de C de L.

Lapostolle, JLE Marnier- — See **Marnier-Lapostolle**, JLE.

LaPre, (Dr) Larry F; US biologist; PhD at Univ of Calif, Riverside 1979;
Calif desert district wildlife biologist for Bureau of Land Management;
Book [1979] *Physiological Ecology of Yucca schidigera* Riverside, Calif; 129p; (PhD thesis),
[1980] *The Effects of Commercial Harvesting of Mojave Yucca (Yucca schidigera) on Desert Bird Populations* [w SW Cardiff]; 8p.

Laredo, Mathias; Mex gardener; worked in the garden of Don Gustavo Aguirre Benavides in Parras, Coahuila;

***species* nah:**

(Coryphantha) **laredoi** (Coahuila) (desc & nah by CE Glass & RA Foster 1978 & disc by them 1972) —> **Escobaria laredoi** by NP Taylor 1979.

†**Laren**, AJ van; Dutch horticulturist; curator of bot gardens at Univ of Amsterdam, Netherlands;
Book [1931] *Cactussen* Zaandam, Netherlands; Dutch; 102p w 140 paste-in litho color illustrations; (Eng translation 1935 by EJ Labarre & edited by SE Haselton),
[1932] *Vetplanten* Amsterdam; Dutch; 101p w 145 paste-in litho color illustrations; (Eng translation 1934 by EJ Labarre).

Larson, [née Pickering,] Peggy (1931–); US desert writer; graduate of Univ of the Pacific, Stockton, Calif; worked at Arizona-Sonoran Desert Museum, Tucson, Arizona 1953~ & later archivist at museum;
Book [1960] *Life In The Desert* NYC; Eng; 63p w 8 color plates; illustrations by Robert Borja; (?may have 32 color slides & a 35 rpm record included for children?),
[1970] *Deserts of Amer* Englewood Cliffs, New Jersey; Eng; 340p; illustrations by Stanley Wyatt.

†**Last**, Joseph Thomas (first quarter of 1849–13 Dec 1933); British missionary & natural historian; ordained at Church Missionary College 1872; missionary in British East Africa 1873~; commissioner of slavery in Zanzibar 1897; collected in Portuguese East Africa & Mozambique 1885, in Mada 1885–99, in Zanzibar 1899–1901 & in Arabia 1908–10; Fellow of Royal Geographical Soc 1895; spouse Annie [née Jackson]
(–Mar 1883); had a second spouse ?;
disc *variety*:

(Sansevieria kirkii var) **pulchra** (Zanzibar) 1903 (desc by NE Brown 1915).

†**Lategan**, (Mrs) L (fl. 1937); Oudtshoorn, RSA; enthusiastic succ collector in Cape region;
spouse of farmer in VanWyksvlei, Western Cape;
disc *species*:

(Haworthia) **lateganiae** (Western Cape) (desc & nah by JKL von Poellnitz 1937) —> **Haworthia scabra** var **lateganiae** by MB Bayer 1999.

†**Lau**, **Alfred** Bernhard (5 Aug 1928–27 Feb 2007); {A.B.Lau}; Veracruz, Mex; Ger missionary, horticulturist & plant collector; to Mex 1956; explored & botanized in S Amer & Mex; disc many new & lost taxa; author (about his travels) in US C&S Journal & other journals; IOS member 1973; CSSA Fellow award 1981; spouse A Lau;
Book [1983] *Field Numbers of Dr Alfred B Lau (Mex & S Amer)* [w P Schatzle] Bombay, India; Eng; 48p;
disc *species*:

(Borzicactus) **huagalensis** (Cajamarca) 1968 (desc by him & JD Donald 1970) —> **Matucana huagalensis** by R Bregman 1988,

(Copiapoa) **laui** (Antofagasta) 1971 (desc & nah by L Diers 1980) —> **Copiapoa hypogaea** ssp **laui** by GJ Charles 2006,

(Coryphantha) **laui** (Coahuila) 1976 (desc & nah by L Bremer 1979) —> **Coryphantha pseudoechinus** ssp **laui** by RF Dicht & AD Luthy 2001,

(Echeveria) **diffractens** (Veracruz) 1978 (desc by MW Kimnach & AB Lau 1981),

(Echeveria) **laui** (Oaxaca) 1974 (desc & nah by RV Moran & J Meyran 1976),

(Echeveria) **subcorymbosa** (Oaxaca) 1974 (desc by MW Kimnach & RV Moran 1994),

(Echinocereus) **laui** (Sonora) 1974 (desc & nah by GRW Frank 1978),

(Echinocereus) **pamanesii** (Zacatecas) 1974 (desc by him 1981 & na F Pamanes Escobedo),

(Echinocereus) **spinigemmatus** (Jalisco, Zacatecas) 1974 (desc by him 1981),

(Epiphyllum) **laui** (Chiapas) 1975 (desc & nah by MW Kimnach 1990),

(Eriosyce) **laui** (Antofagasta) 1986 (desc & nah by JM Luthy 1994),
(Mamm) **anniana** (Tamaulipas) 1979 (desc by CE Glass & RA Foster 1981 & na Anni Lau),
(Mamm) **huitzilopochtli** (Oaxaca) (desc by DR Hunt 1979),
(Mamm) **laui** (Tamaulipas) 1977 (desc & nah by DR Hunt 1979),
(Mamm) **rubrograndis** (Tamaulipas) 1976 (desc by W Reppenhagen & AB Lau 1979) —> **Mamm melanocentra** ssp **rubrograndis** by DR Hunt 1997,
(Sulcorebutia) **cylindrica** (Cochambamba) 1970 (desc by JD Donald & AB Lau 1974) —> **Rebutia cylindrical** by DR Hunt 1987,
(Tacitus) **bellus** (Mex) 1972 (desc by J Meyran & RV Moran 1974) —> **Graptopetalum bellum** by DR Hunt 1979,
(Thompsonella) **spathulata** (Oaxaca) 1970s (desc by MW Kimnach 1993),
(Turbinicarpus) **flaviflorus** (San Luis Potosi) 1978 (desc by G Frank 1979) —> **Turbinicarpus schmiedickeanus** var **flaviflorus** by CE Glass 1997,
(Turbinicarpus) **laui** (San Luis Potosi) 1974 (desc & nah by CE Glass & RA Foster 1975);
desc *species*:
(Coryphantha) **gracilis** [w L Bremer] (Chihuahua) 1977 (disc by AB Lau 1972),
(Coryphantha) **tripugionacantha** (Zacatecas) 1988 (disc by him 1983),
(Echinocereus) **schwarzii** (Durango, Chihuahua) 1982 (disc by F Schwarz & nah) —> **Echinocereus adustus** ssp **schwarzii** by NP Taylor 1997,
(Mamm) **berkiana** (Jalisco) 1986 (disc by him),
(Mamm) **haudeana** [w K Wagner] (Sonora) 1978 (na M Haude) —> **Mamm saboae** ssp **haudeana** by DR Hunt 1998,
(Neobuxbaumia) **sanchezmejoradae** (Oaxaca) 1994 (disc by him 1976 & na H Sanchez-Mejorada),
(Turbinicarpus) **hoferi** [w JM Luthy] (Nuevo Leon) 1991 (na A Hofer),
(Weingartia) **purpurea** [w JD Donald] (Cochabamba) 1974 (disc by AB Lau 1970) —> **Rebutia mentosa** ssp **purpurea** by DR Hunt 1997;
disc *variety*:
(Echeveria racemosa var) **citrina** (Veracruz) 1977 (desc by MW Kimnach 1984;
(Echinocereus bristolii var) **pseudopectinatus** (Sonora, Arizona) c1973 (desc by NP Taylor 1985) —>**Echinocereus pseudopectinatus** by NP Taylor 1989,
(Echinocereus scheeri var) **koehresianus** (Durango, Sinaloa) 1975 (desc by GRW Frank 1988) —> **Echinocereus ortegae** ssp **koehresianus** by H Rischer & GRW Frank 1996,
desc *variety*:
(Borzicactus madisoniorum var) **pujupatii** [w JD Donald] (Amazonas A) 1971 (disc by S Pujupat 1969 & nah) —> **Matucana pujupatii** by R Bregman 1988,
(Echinocereus rigidissimus var) **rubispinus** [w GRW Frank] (Chihuahua) 1982 —> **Echinocereus rigidissimus** ssp **rubispinus** by NP Taylor 1997,
(Mamm huitzilopochtli var) **niduliformis** (Oaxaca) 1994 (disc by him 1983) —> **Mamm huitzilopochtli** ssp **niduliformis** by JW Pilbeam 1999,
(Mamm rekoi var) **aureispina** (Oaxaca) 1983 (disc by AB Lau 1973) —> **Mamm rekoi** ssp **aureispina** by DR Hunt 1997,
(Mamm rekoi var) **liptacantha** (Oaxaca) 1983 (disc by AB Lau) —> **Mamm rekoi** ssp **leptacantha** by DR Hunt 1997;
disc *forma*:
(Mamm laui fa) **dasyacantha** (Tamaulipas) 1977 (desc by DR Hunt 1979) —> **Mamm laui** ssp **dasyacantha** by DR Hunt 1997,
(Mamm laui fa) **subducta** (Tamaulipas) (desc by DR Hunt 1979) —> **Mamm laui** ssp **subducta** by DR Hunt 1997.

Lau, Anni; spouse AB Lau;
***species* nah:**
(Mamm) **anniana** (Tamaulipas) (desc & nah by CE Glass & RA Foster 1981& disc by AB Lau 1979).

Lauber, Patricia (1924–); US writer of children's books;
degree from Wellesley College, Massachusetts 1945;
Book [1974] *Life on a Giant Cactus* Champaign, Illinois; Eng; 64p.

Lauchs, Gerhard (1953–); Ger journalist; editor of journal *Kakteen und andere Sukkulenten*;
disc *species*:
(Kleinia) **butleri** [w AJ Butler] (Oman) (desc & na AJ Butler by JJ Lavranos & TA McCoy 2004).

Launert, Georg Oskar Edmund (1926–); {Launert}; British botanist;
transfer *species*:
"Plectranthus neglectus" (MK Dinter 1926) —> **Aeollanthus neglectus** 1957.

†**Laurent**, (Prof) Émile (5 Sep 1861–20 Feb 1904); French agronomist; prof at agricultural institute in Gembloux, Belguim; collected in tropical Africa;
disc *species*:
(Sansevieria) **laurentii** (Zaire) (desc & nah by EAJ de Wildeman 1904) —> **Sansevieria trifasciata** var **laurentii** by NE Brown 1915.

Lausser, Alfons (fl. 1986); Ger horticulturist; owner of succ nursery *Kakteen Lausser*, Trasslberg, Ger; collected cactus in Mex;
disc *species*:
(Thelocactus) **lausseri** (Coahuila) (desc & nah by J Riha & J Busek 1986);
***variety* nah:**
(Turbinicarpus pseudomacrochele var) **lausseri** (Hidalgo & Queretaro) (desc & nah by L Diers & GRW Frank 1991) —> **Turbinicarpus pseudomacrochele** ssp **lausseri** by CE Glass 1997.

†**Lauterbach**, Karl [Carl] Adolf Georg (21 Apr 1864–1 Sep 1937); {Lauterb.}; Ger botanist; wealthy w large bot collection & library on his estate Stabelwitz near Breslau, Ger; editor of *Beiträgee zur Flora von Papuasien* 1912–24; explored & collected on round-the-world trip 1889–91 & other expeditions;
Book [1889] *Untersuchungen Uber Bau und Entwicklung de Sedretbehalter Bei den Cacteen* Breslau, Ger; Ger; 34p.

†**Lautner**, Jürgen (14 Oct 1945–2 Oct 2009); Ger horticulturist; curator at Old Bot Garden, Gottingen, Ger 1965~; collected in Mex; spouse Brunhilde [née Janke] Lautner;
disc *subsp*:
(Selenicereus grandiflorus ssp) **lautneri** (Oaxaca) 1990 (desc & nah by Ralf Bauer 2003).

Lavine, Sigmund A;
Book [1974] *Wonders of the Cactus World* NYC; Eng; 78p.

†**Lavis**, [O'Connor-Fenton, in 1935] **Mary** Gwendolen (24 Jun 1903–14 Jul 1982); {Lavis};
RSA horticulturist & bot assistant; assisted HML Bolus at Bolus Herbarium working on Mesembs (Delosperma & Conophytum); father SW Lavis; spouse Revd KC O'Connor-Fenton;
***species* nah:**
(Delosperma) **lavisiae** (Kalahari) (desc & nah by HML Bolus 1928),
(Mesemb) **mariae** (Western Cape) (desc & nah by HML Bolus 1932) —> **Lampranthus mariae** by

HML Bolus 1939;
desc *species*:
(Conophytum) **caroli** (Northern Cape, Western Cape) 1933 (disc by CA Luckhoff 1931 & nah),
(Conophytum) **depressum** (Little Namaq) 1931 (disc by VS Peers 1930),
(Conophytum) **joubertii** (Western Cape) 1934 (disc by AJ Joubert 1934 & nah),
(Conophytum) **lindenianum** [w SA Hammer] (Little Namaq) 1989 (disc by AGJ Herre c1928 & na SL Linden) —> **Conophytum tantillum** ssp **lindenianum** by SA Hammer 1991,
(Conophytum) **luckhoffii** (Western Cape) 1931 (disc by J Luckhoff 1930 & nah),
(Conophytum) **marginatum** (Little Namaq) 1930 (disc by PR Frames 1929),
(Conophytum) **polyandrum** (Little Namaq) 1934 (disc by AGJ Herre c1930) —> **Conophytum velutinum** ssp **polyandrum** by SA Hammer 1993,
(Conophytum) **pubicalyx** (Little Namaq) 1933 (disc by (Mrs) J Luckhoff),
(Conophytum) **regale** (Little Namaq) 1934 (disc by P van Heerde c1932),
(Conophytum) **vanzylii** (Little Namaq) 1931 (disc by G van Zyl 1929) —> **Conophytum calculus** ssp **vanzylii** by SA Hammer 1993,
(Delosperma) **adelaidense** (Eastern Cape) 1967,
(Delosperma) **affine** (RSA) 1967,
(Delosperma) **angustipetalum** (Eastern Cape) 1967 —> **Corpuscularia angustipetala** by HEK Hartmann 2001,
(Delosperma) **clavipes** (Free State) 1966,
(Delosperma) **cloeteae** (Eastern Cape) 1966 (disc by F Cloete 1929 & nah),
(Delosperma) **deleeuwiae** (Free State) 1966 (na (Mrs) de Leeuw),
(Delosperma) **ficksbergense** (Free State) 1966,
(Delosperma) **fredericii** (Eastern Cape) 1967 (na Frederick H Holland),
(Delosperma) **giffenii** (Eastern Cape) 1967 (na MH Giffen),
(Delosperma) **guthriei** (Western Cape) 1969 (na F Guthrie),
(Delosperma) **knox-daviesii** (Gauteng) 1966 (disc by CN Knox-Davies 1935 & nah),
(Delosperma) **kofleri** (Lesotho) 1966 (na C Kofler),
(Delosperma) **leightoniae** (Eastern Cape) 1967 (na FM Leighton),
(Delosperma) **lootsbergense** (Eastern Cape) 1966,
(Delosperma) **monanthemum** (RSA) 1967,
(Delosperma) **peersii** (Eastern Cape) 1966 (na VS Peers),
(Delosperma) **reynoldsii** (Free State) 1967 (na GW Reynolds),
(Delosperma) **roseopurpureum** (Free State) 1969,
(Delosperma) **saxicola** (Eastern Cape) 1969,
(Delosperma) **suttoniae** (Natal) 1966 (na (Miss) Sutton),
(Delosperma) **truteri** (Eastern Cape) 1966 (na J Truter),
(Delosperma) **wilmaniae** (Northern Cape) 1967 (na M Wilman),
(Delosperma) **wiumii** (Free State) 1967 (disc by EJF Wium 1954 & nah),
(Ophthalmophyllum) **verrucosum** (Little Namaq) 1935 (disc by A Eksteen) —> **Conophytum verrucosum** by GD Rowley 1978;
transfer *variety*:
"Delosperma tradescantioides var Lebomboense" (HML Bolus 1933) —> **Delosperma lebomboense** 1967.

†**Lavis**, (Bishop) **Sydney** Warren (Jun 1873–14 Jul 1965); Eng to RSA; completed studies at St Augustine Theological College, Eng; pastor at St Paul's Anglican Church, Cape Town; collected specimen succ for Key & Bolus Herbarium; daughter MG Lavis; spouse Cora Eliza [née Farr Cox] Lavis;
***species* nah:**
(Drosanthemum) **lavisii** (Western Cape) (desc & nah by HML Bolus 1935),
(Mesemb) **lavisii** (Cape) (desc & nah by HML Bolus 1929) —> **Lampranthus lavisii** by HML Bolus 1939,

(Ruschia) **lavisii** (Cape) (desc & nah by HML Bolus 1930).

†**Lavranos**, **John** Jacob (29 Mar 1926–1 Feb 2018); {Lavr.}; Greece to RSA 1952 & after retirement to Loulé, Portugal; insurance broker, malacologist & botanist; BSc in economics at Athens Univ, Greece 1948 & in botany & geography at Univ of Witwatersrand, RSA 1967; correspondent of Goulandris Natural History Museum, Kifisia, Greece & Tropical Herbarium, Florence, Italy; worked & explored in Mada 16 times; explored in s Arabia, Somalia, Socotra, Yemen, Kenya & Tanzania 1962~; joined scientific expedition to Socotra Archipelago 1967 w AR Smith; specialized in succ; IOS member 1969; CSSA Fellow award 1977; SSSA Allen Dyer award 1992; CSSA MKLA award 2013; first spouse Helen Lavranos, second spouse S Lavranos; third spouse M Lavranos;
Book [1995] *Aloaceae* part from *Flora of Somalia*,
[1999] *Stapeliads* part from *Flora of Somalia*,
[1999] *Pachypodium (Apocynaceae) Taxonomy, Habitats & Cultivation* Rotterdam, Netherlands [w SHJ Rapanarivo, AJM Leeuwenberg & W Roosli]; Eng; 120p,
[2011] *The Bushman Candles* [w C Craib] Gauteng, RSA; Eng; 194p,
[2011] *Aloes: The Definitive Guide* [w S Carter, LE Newton, CC Walker] Kew, Eng; Eng; 719p;
genus **nah:**
Lavrania (Namibia) (desc & nah by DCH Plowes 1986);
desc *genera*:
Notechidnopsis [w MC Bellerue-Bleck] (RSA) 1985,
Pseudopectinaria (Somalia) 1971 (disc by him 1968);
species **nah:**
(Aloe) **johannis** (Mada) (desc & nah by J-B Castillon 2006 & disc by J-B Castillon),
(Bulbine) **lavrani** (Northern Cape) (desc & nah by G Williamson & H Baijnath 2000),
(Caralluma) **lavrani** (Yemen) (desc & nah by WHH Rauh & HP Wertel 1965),
(Euphorbia) **amicorum** (Djibouti) 2001 (nah & LE Newton as amici (Latin, friends), desc by S Carter 2001 & disc by FA de la Rue 1937/38),
(Euphorbia) **johannis** (Somalia) (desc & nah by S Carter Holmes 1992),
(Euphorbia) **lavrani** (Namibia) (desc & nah by LC Leach 1981),
(Huernia) **lavrani** (Somalia) (desc & nah by LC Leach 1986);
disc *species*:
(Aloe) **bargalensis** [w R Bavazzano] (Somalia) 1970 (desc by JJ Lavranos 1973),
(Aloe) **dhufarensis** (Oman) 1966 (desc by JJ Lavranos 1967),
(Aloe) **droseroides** [w TA McCoy] (Mada) 2003 (desc by JJ Lavranos & TA McCoy 2003),
(Aloe) **fragilis** [w R Hoffmann & W Roosli] (Mada) 1993 (desc by JJ Lavranos & W Roosli 1994),
(Aloe) **inexpectata** [w TA McCoy] (Mada) 2003 (desc by JJ Lavranos & TA McCoy 2003),
(Aloe) **lavranosii** (Yemen) 1962 (desc & nah by GW Reynolds 1964),
(Aloe) **praetermissa** (Oman) 1966 (desc by JJ Lavranos & TA McCoy 2002),
(Aloe) **pulchra** [w R Bavazzano] (Somalia) 1970 (desc by JJ Lavranos 1973),
(Bulbine) **lolita** (Western Cape) 1999 (desc by SA Hammer 2006),
(Caralluma) **dodsoniana** (Somalia) 1969 (desc by JJ Lavranos 1971 & na JW Dodson),
(Caralluma) **kochii** (Somalia) 1969 (desc by JJ Lavranos 1971 & na C Koch),
(Conophytum) **klinghardtense** [w GS Barad] (Namibia) 1977 (desc by R Rawe 1981),
(Delosperma) **sphalmanthoides** (Cape) 1989 (desc by SA Hammer 1993),
(Dorstenia) **lavrani** [w FK Horwood] (Somaliland) 1973 (desc by TA McCoy & M Massara 2008 & na JJ Lavranos),
(Duvalia) **somalensis** (Somalia) 1969 (desc by JJ Lavranos 1971),
(Echidnopsis) **chrysantha** (Somalia) 1969 (desc by JJ Lavranos 1971),
(Echidnopsis) **mijerteina** (Somalia) 1969 (desc by JJ Lavranos 1971),
(Euphorbia) **mosaica** [w R Bavazzano] (Somalia) 1970 (desc by PRO Bally & S Carter 1976),

(Euphorbia) **odontophora** [w LE Newton] (Kenya) 1975 (desc by S Carter 1982),
(Euphorbia) **parvicyathophora** (Mada) 1975 (desc by WHH Rauh 1986),
(Rhytidocaulon) **piliferum** (Somalia) 1969 (desc by JJ Lavranos 1971),
(Tylecodon) **aurusbergensis** [w GS Barad & LE Newton] (Namibia) 1978 (desc by G Williamson & EJ van Jaarsveld 1993),
(Tylecodon) **bleckiae** [w MC Bellerue-Bleck] (Little Namaq) 1985 (desc & na MC Bellerue-Bleck by G Williamson 1998);

desc *species*:

(Aloe) **abyssicola** [w AS Bilaidi] (Yemen) 1971 (disc by them 1969),
(Aloe) **archeri** (Kenya) 1977 (na PG Archer),
(Aloe) **armatissima** [w IS Collenette] (Saudi Arabia) 2000,
(Aloe) **austroarabica** [w TA McCoy] (Saudi Arabia, Yemen) 2003 (disc by TA McCoy 1994),
(Aloe) **bargalensis** (Somalia) 1973,
(Aloe) **berevoana** (Mada) 1998,
(Aloe) **brunneodentata** [w IS Collenette] (Saudi Arabia) 2000,
(Aloe) **brunneostriata** [w S Carter] (Somalia) 1992 (disc by JJ Lavranos, FK Horwood, PRO Bally & R Melville 1973),
(Aloe) **buhrii** (Northern Cape) 1971 (na EA Buhr),
(Aloe) **cephalophora** [w IS Collenette] (Saudi Arabia) 2000,
(Aloe) **chlorantha** (Northern Cape) 1973,
(Aloe) **chrysostachys** [w LE Newton] (Kenya) 1976 (disc by GA Classen 1958),
(Aloe) **collenetteae** (Oman) 1995 (na IS Collenette),
(Aloe) **cremersii** (Mada) 1974 (na G Cremers),
(Aloe) **cyrtophylla** (Mada) 1998,
(Aloe) **doei** (Yemen) 1965 (disc by JJ Lavranos & B Doe 1962 & nah),
(Aloe) **doddsiorum** [w TA McCoy] (Kenya) 2007 (disc by A & M Dodds 2001 & na them),
(Aloe) **downsiana** [w TA McCoy] (Ethiopia) 2007 (disc by TA McCoy & B Miller 2001 & na PE Downs),
(Aloe) **edentata** [w IS Collenette] (Saudi Arabia) 2000,
(Aloe) **elegantissima** [w TA McCoy] (Somaliland) 2008 (disc by TA McCoy 2003),
(Aloe) **eremophila** (Yemen) 1965,
(Aloe) **eximia** [w TA McCoy] (Mada) 2006 (disc by A Razafindratsira 2003),
(Aloe) **fibrosa** [w LE Newton] (Kenya, Tanzania) 1976 (disc by P Archer c1960),
(Aloe) **fleurentinorum** [w LE Newton] (Yemen, Saudi Arabia) 1977 (disc by JJ Lavranos 1974 & na J & M Fleurentin),
(Aloe) **fulleri** (Yemen) 1967 (disc by ABI Fuller 1965 & nah),
(Aloe) **heliderana** (Somalia) 1973 (disc by CF Hemming),
(Aloe) **heybensis** (s Somalia) 1999 (disc by him & J Bauer 1989),
(Aloe) **hijazensis** [w IS Collenette] (Saudi Arabia) 2000,
(Aloe) **hoffmannii** (Mada) 2002 (disc by W Roosli & R Hoffmann 1995 & na R Hoffmann),
(Aloe) **irafensis** [w TA McCoy & AN Al-Gifri] (Arabia) 2004 (disc by AN Al-Gifri, AW Al-Khulaidi & A Al-Zabadi 1998),
(Aloe) **kahinii** [w TA McCoy] (Somaliland) 2007 (disc by TA McCoy 2004 & na DR Kahin),
(Aloe) **koenenii** [w K Koch] (Jordan) 2006 (disc by M Koenen 1982 & nah),
(Aloe) **lensayuensis** [w LE Newton] (Kenya) 1976 (disc by GA Classen c1958),
(Aloe) **lindenii** (Somalia) 1997 (disc by SL Linden 1985 & nah),
(Aloe) **mahraensis** [w T McCoy] (Yemen) 2001 (disc by T McCoy 2001),
(Aloe) **mccoyi** [w BA Mies] (Yemen) 2001 (disc by T McCoy 2000 & nah),
(Aloe) **megalocarpa** (Mada) 1998,
(Aloe) **molederana** [w HF Glen] (Somalia) 1989,
(Aloe) **niebuhriana** (Saudi Arabia, Yemen) 1965 (na C Niebuhr),
(Aloe) **omoana** [w TA McCoy] (Ethiopia) 2007 (disc by TA McCoy 2002),

(Aloe) **orlandi** (Somalia) 2006 (disc by G Orlando & M al-Azzouni 2003 & na G Orlando),
(Aloe) **pachydactylos** [w T McCoy] (Mada) 2007 (disc by T McCoy & N Zameraly 2003),
(Aloe) **parvicapsula** [w IS Collenette] (Saudi Arabia) 2000,
(Aloe) **parvicoma** [w IS Collenette] (Saudi Arabia) 2000,
(Aloe) **porphyrostachys** [w IS Collenette] (Saudi Arabia) 2000 (disc by J Lode 1985),
(Aloe) **pronkii** [w B Rakouth & TA McCoy] (Mada) 2006 (disc by O Pronk & nah),
(Aloe) **pseudorubroviolacea** [w IS Collenette] (Saudi Arabia) 2000,
(Aloe) **rebmannii** (Mada) 2002 (disc by N Rebmann 1993 & nah),
(Aloe) **rivierei** [w LE Newton] (Yemen, Saudi Arabia) 1977 (disc by JJ Lavranos & LE Newton 1976 & na DF Riviere de Caralt),
(Aloe) **roeoeslii** [w TA McCoy] (Mada) 2005 (disc by W Roosli & R Hoffmann 2001 & na W Roosli),
(Aloe) **rubrodonta** [w TA McCoy] (Somaliland) 2007 (disc by TA McCoy 2004),
(Aloe) **scabrifolia** [w LE Newton] (Kenya) 1990,
(Aloe) **serriyensis** (Yemen) 1965,
(Aloe) **shadensis** [w IS Collenette] (Saudi Arabia) 2000,
(Aloe) **sheilae** (Saudi Arabia) 1985 (disc by I Sheila Collenette & nah),
(Aloe) **splendens** (Yemen) 1965,
(Aloe) **tartarensis** [w TA McCoy] (Kenya) 2007 (disc by TA McCoy & A & M Dodds 2002),
(Aloe) **teissieri** (Mada) 2002 (disc by M Teissier 1994 & nah),
(Aloe) **tugenensis** [w LE Newton] (Kenya) 1990 (disc by PG Archer) —> **Aloe archeri** ssp **tugenensis** by E Wabuyele 2006,
(Aloe) **tulearensis** [w T McCoy] (Mada) 2007 (disc by T McCoy 2003),
(Aloe) **whitcombei** (Oman) 1995 (disc by RP Whitcombe 1989 & nah),
(Aloe) **woodii** [w IS Collenette] (Saudi Arabia, Yemen) 2000 (na JRI Wood),
(Caralluma) **baradii** (Somalia) 1993 (na GS Barad),
(Caralluma) **deflersiana** (Yemen) 1963 (na A Deflers) —> **Orbea deflersiana** by PV Bruyns 2001,
(Caralluma) **denboefii** (Kenya, Tanzania) 1983 (disc by JL den Boef 1980 & nah) —> **Orbea denboefii** by PV Bruyns 2001,
(Caralluma) **dodsoniana** (Somalia, Oman) 1971 (na JW Dodson) —> **Pseudolithos dodsonianus** by PV Bruyns & U Meve 1995,
(Caralluma) **dioscoridis** (Socotra) 1971 (disc by A Radcliff-Smith & JJ Lavranos 1967) —> **Duvaliandra dioscoridis** by MG Gilbert 1980,
(Caralluma) **hexagona** (Yemen, Omen, Saudi Arabia) 1963,
(Caralluma) **mireillae** (Djibouti) 1969 (disc by Mireille Lavranos & nah),
(Caralluma) **sarkariae** [w RMI Frandsen] (India) 1978 (na JS Sarkaria),
(Caralluma) **solenophora** (Yemen) 1963,
(Caralluma) **swanepoelii** (Northern Cape) 1972 (na J Swanepoel) —> **Quaqua swanepoelii** by DCH Plowes 1994,
(Caralluma) **vaduliae** (Somalia) 1991 (disc by FK Horwood 1985 & na Vadulia Thühellengonn),
(Ceropegia) **lindenii** (Somalia) 1991 (disc by SL Linden 1985 & nah),
(Ceropegia) **tihamana** [w SA Chaudhary] (Saudi Arabia) 1985,
(Dorstenia) **gypsophila** (Somalia) 1972 (disc by him & R Bavazzano 1970),
(Duvalia) **eilensis** (Somalia) 1972 (disc by him 1969),
(Duvalia) **galgallensis** (Somalia) 1974 (disc by him 1973),
(Duvalia) **velutina** (Saudi Arabia, Yemen) 1983 (disc by him & IS Collenette c1982),
(Echidnopsis) **chrysantha** (Somalia) 1971,
(Echidnopsis) **ericiflora** (Kenya) 1972 (disc by him 1972),
(Echidnopsis) **insularis** (Socotra) 1970 (disc by AR Smith & JJ Lavranos 1967),
(Echidnopsis) **leachii** (Tanzania) 1972 (disc by LC Leach ≈1962 & nah),
(Echidnopsis) **mariae** (Kenya) 1982 (disc by PRO Bally 1971 & na MC Bellerue-Bleck),
(Echidnopsis) **mijerteina** (Somalia, Kenya) 1971,

(Echidnopsis) **milleri** (Socotra) 1993 (disc by AG Miller 1990 & nah),
(Echidnopsis) **seibanica** (Yemen)1964,
(Echidnopsis) **stellata** (Somalia) 1974 —> **Echidnopsis virchowii** var **stellata** by JGL Plowes 1993,
(Echidnopsis) **socotrana** (Socotra) 1993 (disc by AG Miller 1990),
(Euphorbia) **holmesiae** (Somalia) 1992 (na S [Carter] Holmes),
(Euphorbia) **horwoodii** [w S Carter] (Somalia) 1978 (disc by FK Horwood 1973 & nah),
(Euphorbia) **itremensis** [w MW Kimnach] (Mada) 2001 (disc by MW Kimnach 1995),
(Euphorbia) **momccoyae** (Dhofar) 2011 (disc by TA McCoy 2011 & na M McCoy),
(Euphorbia) **seibanica** [w AN Al-Gifri] (Yemen) 1999 (disc by JJ Lavranos & CCC Meintjes 1962),
(Huernia) **erectiloba** [w LC Leach] (Mozambique) 1963,
(Huernia) **hadhramautica** (Yemen) 1963,
(Huernia) **kennedyana** (Eastern Cape) 1965 (disc by HW James 1931 & na HC Kennedy),
(Huernia) **leachii** (Mozambique) 1959 (disc by LC Leach 1956 & nah),
(Huernia) **lodarensis** (Saudi Arabia) 1964,
(Huernia) **marnieriana** (Yemen) 1963 (na JLE Marnier-Lapostolle),
(Huernia) **nigeriana** (Nigeria) 1961,
(Huernia) **repens** (Zimbabwe, Mozambique) 1961 —> **Huernia volkartii** var **repens** by JJ Lavranos 1972,
(Huernia) **rosea** [w LE Newton] (Yemen) 1993 (disc by them 1976),
(Kleinia) **butleri** [w TA McCoy] (Oman) 2004 (disc by G Lauchs & A Butler & na A Butler),
(Othonna) **pavelkae** (Namaq) 2002 (disc by JJ Lavranos 1973 & na P Pavelka),
(Pachycymbium) **lancasterii** (Transvaal) 1984 (na A Percy-Lancaster),
(Pachypodium) **bicolor** [w SHJRapanarivo] (Mada) 1997 (disc by A Razafindratsira 1990) —> **Pachypodium rosulatum** fa **bicolor** by GD Rowley 1998,
(Pachypodium) **eburneum** [w SHJ Rapanarivo] (Mada) 1997 (disc by W Roosli & R Hoffmann 1996) —> **Pachypodium rosulatum** var **eburneum** by GD Rowley 1998,
(Pachypodium) **inopinatum** (Mada) 1996 (disc by A Razafindratsira 1991) —> **Pachypodium rosulatum** var **inopinatum** by GD Rowley 1998,
(Pseudolithos) **caput-viperae** (Somalia) 1974 (disc by him & R Bravazzano 1970),
(Pseudolithos) **horwoodii** [w PRO Bally] (Somalia) 1974 (disc by FK Horwood 1973 & nah),
(Pseudolithos) **mccoyi** [w BA Mies] (Oman, Yemen) 2001 (na TA McCoy),
(Pseudopectinaria) **malum** (Somalia) 1971 (disc by him 1968) —> **Echidnopsis malum** by PV Bruyns 1988,
(Rhytidocaulon) **fulleri** [w KV Mortimer] (Oman) 1970 (disc by KV Mortimer & JJ Lavranos & na ABI Fuller),
(Rhytidocaulon) **macrolobum** (Somalia, Yemen, Saudi Arabia) 1967 (disc by JJ Lavranos 1966),
(Rhytidocaulon) **mccoyi** [w BA Mies] (Yemen) 2001 (disc by T McCoy 2000 & nah),
(Rhytidocaulon) **piliferum** (Somalia) 1971,
(Rhytidocaulon) **richardianum** (Somalia) 1991 (disc by GS Barad 1986 & na Richard Barad),
(Sarcostemma) **socotranum** (Socotra) 1972,
(Sarcostemma) **vanlessenii** (Yemen, Ethiopia, Kenya, Tanzania) 1974 (disc by MD van Lessen & nah) —> **Cynanchum vanlessenii** by DJ Goyder 2009,
(Stapelia) **choanantha** [w H Hall] (Western Cape) 1964 (disc by H Hall 1962) —> **Tromotriche choanantha** by PV Bruyns 1995,
(Stapelianthus) **hardyi** (Mada) 1971 (na DS Hardy),
(Stapelianthus) **pilosus** [w DS Hardy] (Mada) 1961,
(Stapeliopsis) **urniflora** (Namibia) 1966,
(Stultitia) **araysiana** [w AS Bilaidi] (Yemen) 1971 —> **Orbea araysiana** by PV Bruyns 2001,
(Tylecodon) **nolteei** (Northern Cape) 2001 (disc by F Noltee & nah),
(Uncarina) **platycarpa** (Mada) 1996,

transfer *species*:

"Adenium socotranum" (FKM Vierhapper 1904) —> **Adenium obesum** ssp **socotranum** 1966,
"Caralluma tessellata" (NS Pillans 1933) —> **Notechidnopsis tessellata** [w MC Bellerue-Bleck] 1985,

"Stapelia anemoniflora" (A Deflers 1896) —> **Duvalia anemoniflora** [w RA Dyer] 1976,
"Trichocaulon columnare" (GC Nel 1933) —> **Notechidnopsis columnaris** [w MC Bellerue-Bleck] 1985;
disc *subsp*:
(Conophytum hirtum ssp) **baradii** [w GS Barad] (Namibia) 1977 (desc by R Rawe 1981 & na GS Barad) —> **Conophytum klinghardtense** ssp **baradii** by SA Hammer 1993;
desc *subsp*:
(Aloe descoingsii ssp) **augustina** (Mada) 1995 (disc by B Rakotoarison ≈1988);
***variety* nah:**
(Haworthia sordida var) **lavrani** (Cape) (desc & nah by CL Scott 1981);
disc *variety*:
(Aloe rigens var) **mortimeri** [WHH Rauh] (Yemen) 1964 (desc by JJ Lavranos 1967 & na KV Mortimer),
(Caralluma foulcheri-delboscii var) **greenbergiana** [w WHH Rauh] (sw Arabia) 1964 (desc by JJ Lavranos 1967 & na I Greenberg),
(Caralluma hexagona var) **septentrionalis** [w LE Newton] (Yemen) 1977 (desc by JJ Lavranos 1979),
(Caralluma shadhbana var) **barhana** [w LE Newton] (Yemen) 1977 (desc by JJ Lavranos 1979),
(Caralluma sinaica var) **baradii** [w LE Newton] (Yemen) 1977 (desc by JJ Lavranos & LE Newton 1979 & na GS Barad),
(Duvalia sulcata var) **seminuda** [w WHH Rauh] (Arabia) 1964 (desc by JJ Lavranos 1967),
(Echidnopsis chrysantha var) **filipes** (Somalia) 1974 (disc by him & R Bavazzano 1970),
(Echidnopsis mijerteina var) **marchandii** (Somalia) 1974 (disc by him 1971 & na G Marchand),
(Edithcolea grandis var) **baylissiana** [w DS Hardy] 1963 (na RDA Bayliss);
desc *variety*:
(Aloe compressa var) **paucituberculata** (Mada) 1998,
(Aloe krapohliana var) **dumoulinii** (Northern Cape) 1973 (na J Dumoulin),
(Duvalia sulcata var) **seminuda** (Yemen, Saudi Arabia) 1967 —> **Duvalia sulcata** ssp **seminuda** by U Meve 1997,
(Duvalia sulcata var) **somalensis** (Yemen, Ethiopia, Djibouti, Somalia) 1971 —> **Duvalia sulcata** ssp **somalensis** by U Meve 1997,
(Echidnopsis chrysantha var) **filipes** (Somalia) 1974 —> **Echidnopsis chrysantha** ssp **filipes** by JGL Plowes 1993,
(Euphorbia cactus var) **tortirama** [w WHH Rauh] (Yemen) 1967,
(Uncarina leandrii var) **rechbergeri** (Mada) 1995 (na B Rechberger).

Lavranos, [née Laudrin,] Mireille (1927–2014); French; spouse JJ Lavranos;
disc *species*:
(Caralluma) **mireillae** (Djibouti) 1969 (desc & nah by JJ Lavranos).

Lavranos, Suzanne (1918–2010); Pretoria, RSA; former spouse of JJ Lavranos;
disc *species*:
(Crassula) **susannae** (Little Namaq) (desc & nah by WHH Rauh & CH Friedrich 1962).

†**Law**, (Mr) ?; British botanist; collected in India;
***species* nah:**
(Ceropegia) **lawii** (India) (desc & nah by JD Hooker 1883).

Lawlor, Elizabeth P; US science prof & writer of children books;
Book [2003] *Discover Nature Around the House: Things to Know & Things to do* [w illustrator, P Archer]; Eng; 240p; (includes succ).

†**Lawrence**, George (1827–1895); {Lawr.}; British gardener for Rev Theodore Williams at

Hendon Vicarage, Middlesex, Eng; cactus expert;
Book [1841] *Catalogue of the Cacti in the Collection of the Rev Theodore Williams at Hendon Vicarage, Middlesex* London, Eng; Eng; 19p.

Lawrence, TJ;
Book [1989] *Beiselia mexicana (Burseraceae) & its Affinities* [w PE Brandham, MM Harley LL Forman]; 31p.

†**Lawrie**, **Ian** H (1941–2002); Scottish horticulturist; worked at succ nursery *Craigleith Cacti*; NCSS member 1967; show judge 1992~; speaker at numerous Branches of NCSS & BCSS; qualified judge 1977; IOS member 1992; BCSS Fellow 1994; spouse Edith Lawrie;
Book [1988] *Coryphantha & Associated Genera* Banstead, Eng; Eng; 74p w 1 color photo;
(a Mamm Soc Handbook).

†**Lawson**, George Mervyn (1865–17 Aug 1945); British missionary to RSA; dir of missions in Griqualand West 1903~ & archdeacon of Kuruman 1913–41; collected in RSA;
species nah:
(Mesemb) **lawsonii** (Cape) (desc & nah by HML Bolus 1927) —> **Antimima lawsonii** by HEK Hartmann 1998.

†**Lawson**, Harry C (–1973); US nurseryman; owner of *Lawson Cactus Garden*, San Antonio, Texas;
Book [1935] *Book of Cacti for the Amateur Collector* San Antonio, Texas; Eng; 34p w 1 color photo.

Layne, Mary **Katharine** (1st married name); see MK **Brandegee**.

{LDL} — See **Lindley**, John.

Le Faou, Annie; French illustrator on books below;
Book [1967] *Natuurgids voor de Bladplanten, Cactussen en Vetplanten* Amsterdam; 159p w text by H Rose ,
[1967] *House Plants & Cacti* London; Eng; 158p w 200 color illustrations & text by H Rose.

Le Roux, Annelise — See **Roux**, Annelise le.

Le Roux, Anso — See **Roux**, Anso le.

Le Testu, GMPC — See **Testu**, GMPC le.

Le Vaillant, François — See **Vaillant**, Francois le.

†**Leach**, Leslie [**Larry**] Charles (18 Nov 1909–18 Jul 1996); {L.C.Leach}; Eng to Rhodesia (later Zimbabwe) 1938; electrical engineer ≈1958, botanist, illustrator & taxonomist; honorary botanist at Zimbabwe's Natl Herbarium 1972–1981; research post at Karoo Bot Garden in Worcester, RSA 1982; collected in Zimbabwe, RSA, Angola, Kenya, Malawi, Mozambique, Tanzania & Zambia to study & specialize in Euphorbia, Aloe & Stapeliads 1958~ w over 12,000 specimens to various herbaria; wrote numerous articles for journals; IOS member 1965; Harry Bolus Medal award by Bot Soc of S Africa 1968 & Gold Medal by Rhodesia Scientific Association 1977; CSSA Fellow award 1983; Monaco Cactus d'Or award 1988; SSSA Allen Dyer award 1993; spouse Ann [Nan] Leach (c1916–1956);
Book [1976] *A Preliminary Review of the prominently Paillose Huernia Species (Asclepiadaceae)* RSA; Eng; 48p,
[1976] *Dinteria 12* Scientific Soc of SW Africa; 35p; (on Euphorbias in Angola),
[1978–88] *Excelsa Taxonomic Series*; Eng;
[1978] *No 1 - A Contribution towards a new classification of Stapelieae (Asclepiadaceae) w*

a preliminary review of Orbea Haw. & desc of 3 new genera Salisbury; 75p,
[1985] *No 2 – A Second Contribution towards a new classification of Stapelieae (Asclepiadaceae) w a review of Tridentea Haw. & miscellaneous notes on Stapelia L., &, a taxonomic review of Euphorbia gariepina Boiss. from S Africa, SW Africa & Angola* Salisbury; 81p,
[1985] *No 3 – A Revision of Stapelia L (Asclepiadaceae)* Johannesburg, RSA; 157p,
[1988] *No 4 (A Revision of Huernia)* Harare, Zimbabwe; 197p,
[1990] *Euphorbia Species from the Flora Zambesiaca Area* RSA; Eng; 45p;

***genera* nah:**

Larryleachia (Namibia, RSA, Botswana) (desc & nah by DCH Plowes 1997),
Leachia (desc & nah by DCH Plowes 1992),
Leachiella (desc & nah by DCH Plowes 1992) (syn of Lavrania PLOWES);

desc *genera*:

Endadenium (Angola) 1973,
Orbeanthus (Mpumalanga, Limpopo) 1978,
Orbeopsis 1978,
Pachycymbium, 1978;

species nah:

(Aloe) **leachii** (Tanzania) (desc & nah by GW Reynolds 1965),
(Crassula) **leachii** (Mozambique) (desc & nah by RMS Fernandes 1982);

disc *species*:

(Echidnopsis) **leachii** (Tanzania) ≈1962 (desc & nah by JJ Lavranos 1972),
(Euphorbia) **leachii** (Tanzania) (desc & nah by H Hall),
(Huernia) **leachii** (Mozambique) 1956 (desc & nah by JJ Lavranos 1959);

desc *species*:

(Aloe) **bicomitum** (Tanzania, Zambia) 1977,
(Aloe) **cannellii** (Mozambique) 1971 (na IC Cannell),
(Aloe) **enotata** (Zambia) 1972,
(Aloe) **esculenta** (Angola, Botswana, Namibia, Zambia) 1971,
(Aloe) **inamara** (Angola) 1971,
(Aloe) **lepida** (Angola) 1974,
(Aloe) **luapulana** (Zambia) 1972,
(Aloe) **procera** (Angola) 1974,
(Aloe) **scorpioides** (Angola) 1974,
(Aloe) **trigonantha** (Ethiopia) 1971,
(Aloe) **vallaris** (Angola) 1974,
(Euphorbia) **albipollinifera** (Eastern Cape) 1985,
(Euphorbia) **ambroseae** (Mozambique) 1964 (disc by MN Ambrose 1960 & nah),
(Euphorbia) **atrocarmesina** (Angola) 1968,
(Euphorbia) **bayeri** (Eastern Cape) 1988 (na MB Bayer),
(Euphorbia) **baylissii** (Mozambique) 1964 (na RDA Bayliss),
(Euphorbia) **bougheyi** (Mozambique) 1964 (disc by AS Boughey & nah),
(Euphorbia) **bruynsii** (Eastern Cape) 1981 (na PV Bruyns),
(Euphorbia) **cannellii** (Angola) 1974 (na H Cannell),
(Euphorbia) **carunculifera** (Angola) 1970,
(Euphorbia) **congestiflora** (Angola) 1970,
(Euphorbia) **contorta** (Mozambique) 1964,
(Euphorbia) **cuneneana** (Angola) 1976,
(Euphorbia) **curocana** (Angola) 1975,
(Euphorbia) **damarana** (Namibia) 1975,
(Euphorbia) **debilispina** (Zambia) 1992,

(Euphorbia) **decidua** [w PRO Bally] (Zaire, Tanzania, Zambia, Zimbabwe, Malawi) 1975 (disc by EWB Milne-Redhead 1938),
(Euphorbia) **decliviticola** (Mozambique) 1973,
(Euphorbia) **dedzana** (Malawi) 1992,
(Euphorbia) **demissa** (Angola) 1976,
(Euphorbia) **dispersa** (Angola) 1974,
(Euphorbia) **dissitispina** (Zimbabwe) 1977,
(Euphorbia) **distinctissima** (Zambia) 1992,
(Euphorbia) **eduardoi** (Angola, Namibia) 1968 (na Eduardo Mendes),
(Euphorbia) **exilis** (Northern Cape) 1990,
(Euphorbia) **fanshawei** (Zambia) 1973 (disc by G Williamson),
(Euphorbia) **faucicola** (Angola) 1977,
(Euphorbia) **fortissima** (Zambia, Zimbabwe,) 1964,
(Euphorbia) **giessii** (Namibia) 1982 (na JWH Giess),
(Euphorbia) **glandularis** [w G Williamson] (Northern Cape) 1990,
(Euphorbia) **gracilicaulis** (Angola) 1969,
(Euphorbia) **graniticola** (Mozambique) 1964,
(Euphorbia) **halipedicola** (Malawi, Mozambique, Tanzania) 1970,
(Euphorbia) **indurescens** (Angola) 1975,
(Euphorbia) **ingenticapsa** (Angola) 1971,
(Euphorbia) **inundaticola** (Zambia) 1992,
(Euphorbia) **jubata** (Zambia) 1964,
(Euphorbia) **lavrani** (Namibia) 1981 (na JJ Lavranos),
(Euphorbia) **lividiflora** (Tanzania, Mozambique, Malawi, Zimbabwe) 1964,
(Euphorbia) **louwii** (Limpopo) 1980 (disc by WF Bayer 1948 & na WJ Louw),
(Euphorbia) **laupulana** (Zambia) 1992,
(Euphorbia) **lumbricalis** (Western Cape) 1986,
(Euphorbia) **malevola** (Zimbabwe, Zambia, Malawi) 1964,
(Euphorbia) **mira** (Western Cape) 1986 (disc by MB Bayer),
(Euphorbia) **mlanjeana** (Malawi) 1973 (disc by JA Whellan 1971),
(Euphorbia) **mwinilungensis** (Zambia, Angola) 1976,
(Euphorbia) **namuskluftensis** (Namibia) 1983,
(Euphorbia) **nubigena** (Angola) 1976,
(Euphorbia) **oligoclada** (Angola) 1976,
(Euphorbia) **otjipembana** (Namibia) 1976,
(Euphorbia) **parviceps** (Angola) 1974,
(Euphorbia) **pedemontana** (Western Cape) 1988,
(Euphorbia) **perplexa** (Zambia) 1992,
(Euphorbia) **persistentifolia** 666(Zambia, Zimbabwe) 1965,
(Euphorbia) **platyrrhiza** (Zambia) 1976,
(Euphorbia) **proballyana** (Tanzania) 1968 (disc by WV Harris 1943 & na PR Bally),
(Euphorbia) **pteroclada** (Zaire) 1976,
(Euphorbia) **quadrilatera** (Tanzania) 1980 (disc by him 1960),
(Euphorbia) **ramulosa** (Mozambique) 1966,
(Euphorbia) **richardsiae** (Malawi) 1977 (disc by MAE Richards & nah),
(Euphorbia) **rugosiflora** (Zimbabwe) 1990,
(Euphorbia) **schmitzii** (Zaire) 1976 (na A Schmitz),
(Euphorbia) **scitula** (Angola) 1976,
(Euphorbia) **semperflorens** (Angola) 1970,
(Euphorbia) **speciosa** (Zambia) 1992,
(Euphorbia) **teixeirae** (Angola) 1974 (na JB Teixeira),

(Euphorbia) **tholicola** (Malawi) 1992,
(Euphorbia) **vaalputsiana** (Western Cape) 1988,
(Euphorbia) **vallaris** (Angola) 1974,
(Euphorbia) **viduiflora** (Angola) 1974,
(Euphorbia) **whellanii** (Zambia) 1967 (disc by JA Whellan 1962 & nah),
(Euphorbia) **wildii** (Zimbabwe)1968 (disc by H Wild 1965 & nah),
(Euphorbia) **williamsonii** (Zambia) 1969 (na G Williamson),
(Huernia) **archeri** (Kenya) 1988 (na PG Archer),
(Huernia) **bayeri** (Eastern Cape) 1988 (na MB Bayer),
(Huernia) **erectiloba** [w JJ Lavranos] (Mozambique) 1963,
(Huernia) **formosa** (Somalia) 1986,
(Huernia) **lavrani** (Somalia) 1986 (na JJ Lavranos),
(Huernia) **occulta** [w DCH Plowes] (Zimbabwe) 1966 (disc by G van Son 1930),
(Huernia) **plowesii** (Namibia) 1988 (na DCH Plowes),
(Huernia) **thudichumii** (Western Cape) 1988 (na J Thudichum),
(Huernia) **urceolata** (Angola, Namibia) 1969,
(Monadenium) **cannellii** (Angola) 1973 (na IC Cannell),
(Monadenium) **torrei** (Mozambique, Tanzania) 1973 (na AR da Torre),
(Orbea) **halipedicola** (Mozambique) 1978,
(Orbea) **speciosa** (Natal) 1978,
(Stapelia) **baylissii** (Eastern Cape) 1984 (na RD Bayliss),
(Stapelia) **kougabergensis** (Eastern Cape) 1984,
(Stapelia) **montana** (Western Cape) 1984,
(Stapelia) **obducta** (Eastern Cape) 1984,
(Stapelia) **praetermissa** (Eastern Cape) 1984,
(Stapelia) **scitula** (Western Cape) 1984,
(Stapelianthus) **baylissii** (Eastern Cape) 1968 (na RDA Bayliss) —> **Tromotriche baylissii** by PV Bruyns 1995,
(Synadenium) **halipedicola** (Mozambique) 1984,
(Trichocaulon) **mossamedense** (Angola) 1974 —> **Hoodia mossamedensis** by DCH Plowes 1992;

transfer *species*:

"Caralluma maculate" (NE Brown 1904) —> **Orbea maculate** 1978,
“Duvalia andreaeana” (WHH Rauh 1961) —> **Huernia andreaeana** 1974,
“Euphorbia balsamea” (WP Hiern 1900) —> **Euphorbia gariepina** ssp **balsamea** 1980,
“Euphorbia johnsonii” (NE Brown 1911) —> **Euphorbia knuthii** ssp **johnsonii** 1973,
“Euphorbia ussanguensis” (NE Brown 1912) —> **Euphorbia cooperi** var **ussanguensis** 1970,
"Huernia primulina" (NE Brown 1890) —> **Huernia thuretii** var **primulina** 1988,
“Monadenium gossweileri” (NE Brown 1911) —> **Euphorbia gossweileri** 1973,
"Stapelia albipilosa" (HJW Giess 1974) —> **Tridentea marientalensis** ssp **albipilosa** 1980.
“Stapelia aperta (SF Masson 1797) —> **Tridentea aperta** 1978,
"Stapelia bergeriana" (MK Dinter 1914) —> **Stapelia schinzii** var **bergeriana** 1985,
“Stapelia ciliata” (CP Thunberg 1794) —> **Orbea ciliata** 1975,
"Stapelia conformis" (NE Brown 1909) —> **Stapelia macowanii** var **conformis** 1985,
"Stapelia cooperi" (NE Brown 1909) —> **Orbea cooperi** 1975,
"Stapelia dwequensis" (CA Luckhoff 1937) —> **Tridentea dwequensis** 1980,
"Stapelia fucosa" (NE Brown 1909) —> **Orbea verrucosa** var **fucosa** 1978,
"Stapelia jucunda" (NE Brown 1909) —> **Tridentea jucunda** 1978,
"Stapelia longidens" (NE Brown 1895) —> **Orbea longidens** 1975,
"Stapelia macloughlinii" (IC Verdoorn 1941) —> **Orbea macloughlinii** 1975,
"Stapelia marientalensis" (GC Nel 1935) —> **Tridentea marientalensis** 1978,
"Stapelia namaquensis" (NE Brown 1882) —> **Orbea namaquensis** 1975,

"Stapelia pachyrrhiza" (MK Dinter 1923) —> **Tridentea pachyrrhiza** 1980,
"Stapelia parvipuncta" (NE Brown 1890) —> **Tridentea parvipuncta** 1978,
"Stapelia peculiaris" (CA Luckhoff 1938) —> **Tridentea peculiaris** 1978,
"Stapelia prognatha" (PRO Bally 1963) —> **Orbea prognatha** 1975,
“Stapelia pulchella (SF Masson 1797) —> **Orbea pulchella** 1975,
"Stapelia semota" (NE Brown 1933) —> **Orbea semota** 1975,
“Stapelia tapscottii” (IC Verdoorn 1927) to **Orbea tapscottii** 1975,
"Stapelia thudichumii" (NS Pillans 1959) —> **Tromotriche thudichumii** 1982,
“Stapelia verrucosa” (SF Masson 1797) —> **Orbea verrucosa** 1975,
"Stapelia woodii" (NE Brown 1892) —> **Orbea woodii** 1975,
“Stultitia conjuncta” (AC White & BL Sloane 1938) —> **Orbeanthus conjunctus**,
“Stultitia paradoxa” (IC Verdoorn 1937) —> **Orbea paradoxa** 1978,
"Stultitia umbracula" (MD Henderson 1962) —> **Orbea umbracula** 1975;

desc *subsp*:

(Caralluma caudata ssp) **rhodesiaca** (Angola, Namibia, Botswana, Zimbabwe) 1973 —> **Orbea caudata** ssp **rhodesiaca** by PV Bruyns 2001,
(Euphorbia atrocarmesina ssp) **arborea** (Angola) 1977,
(Euphorbia carunculifera ssp) **subfastigiata** (Angola) 1974,
(Euphorbia confinalis ssp) **rhodesiaca** (Zimbabwe) 1966,
(Euphorbia cuneneana ssp) **rhizomatosa** (Angola) 1976,
(Euphorbia gentilis ssp) **tanquana** (Eastern Cape) 1988,
(Euphorbia grandicornis ssp) **sejuncta** (Mozambique) 1970,
(Euphorbia griseola ssp) **mashonica** (Zimbabwe, Mozambique, Malawi, Zambia) 1967,
(Euphorbia griseola ssp) **zambiensis** (Zambia) 1967,
(Euphorbia monteiri ssp) **ramosa** (Botswsana, Mpumalanga, North-West) 1968,
(Euphorbia richardsiae ssp) **robusta** (Malawi) 1977,
(Euphorbia seretii ssp) **variantissima** (Zambia) 1969,
(Euphorbia strangulata ssp) **deminuens** (Angola) 1969,
(Euphorbia subsalsa ssp) **fluvialis** (Angola, Namibia) 1976,
(Euphorbia virosa ssp) **arenicola** (Angola) 1971,
(Huernia brevirostris ssp) **baviaana** (Eastern Cape) 1988,
(Huernia guttata ssp) **calitzdorpensis** (Eastern Cape, Western Cape) 1988,
(Huernia hislopii ssp) **robusta** [w DCH Plowes] (Zimbabwe) 1966,
(Huernia longituba ssp) **cashelensis** [w DCH Plowes] (Zimbabwe) 1966,
(Huernia pillansii ssp) **echidnopsioides** (Eastern Cape) 1968 (disc by FJ Stayner 1962) —> **Huernia longii** ssp **echidnopsioides** by PV Bruyns 1984,
(Orbea halipedicola ssp) **septentrionalis** (Mozambique) 1978;

desc *variety*:

(Aloe andongensis var) **repens** (Angola) 1974,
(Aloe excelsa var) **breviflora** (Mozambique, Malawi) 1977,
(Euphorbia ambroseae var) **spinosa** (Mozambique, Malawi) 1977,
(Euphorbia ephedroides var) **debilis** (Namibia) 1990,
(Euphorbia ephedroides var) **imminuta** [w G Williamson] (Northern Cape) 1990,
(Euphorbia cooperi var) **calidicola** (Malawi, Mozambique, Zambia, Zimbabwe) 1970,
(Euphorbia nubigena var) **rutilans** (Angola) 1976,
(Euphorbia perplexa var) **kasamana** (Zambia) 1992,
(Huernia hystrix var) **parvula** (Natal) 1976 (disc by AG McLoughlin 1939) —> **Huernia hystrix** ssp **parvula** by PV Bruyns 2005,
(Huernia quinta var) **blyderiverensis** (Mpumalanga) 1988,
(Huernia verekeri var) **angolensis** (Angola) 1974,
(Huernia verekeri var) **pauciflora** (Mozambique) 1969,

(Stapelia erectiflora var) **prostratiflora** (Northern Cape, Western Cape) 1984,
(Stapelia montana var) **grossa** (Western Cape) 1984,
(Stapelia praetermissa var) **luteola** (Eastern Cape) 1984;

transfer *variety*:

"Duvalia maculata var immaculate" (CA Luckhoff 1937) **—> Duvalia immaculata** 1989,
"Euphorbia subsalsa var kaokoensis" (AC White, BL Sloane & RA Dyer 1941) —> **Euphorbia kaokoensis** 1976,
"Huernia brevirostris var intermedia" (NE Brown 1909) —> **Huernia brevirostris** ssp **intermedia** 1988.

†**Leake**, [née Van Dyke] (Prof) (Dr) Dorothy Lois (6 Sep 1893–23 Jul 1990); US educator & biologist; PhD in biology at Univ of Oklahoma, Norman 1944; prof at Southeastern State Teachers College, Durant, Oklahoma, at Univ of Oklahoma, Norman, at Central Missouri State Teachers College, Warrensburg, at Jefferson City Junior College, Jefferson, Missouri & at Oklahoma Agricultural & Mechanical College, Stillwater 1935–59; honorary doctorate at Drury Univ, Springfield, Missouri 1989;
spouse Harold Henderson Leake (27 Dec 1891–13 Feb 1978), priest & musicologist;
Book [1993] *Desert & Mountain Plants of the Southwest* [w JB Leake & M Roeder] Norman, Oklahoma; Eng; 239p w 253 sketches.

Leake, John Benjamin (10 Feb 1923–); US scientist; Ed.D. at Oklahoma State Univ, Stillwater; prof of physical Science & science education at Wright State Univ, Dayton, Ohio; mother D Leake; sister M Roeder; first spouse Dora Ruth [née Etter] Leake (13 Dec 1926–); second spouse Susan Leake; third spouse Bonnie Leake;
Book [1993] *Desert & Mountain Plants of the Southwest* [w D Leake & M Roeder] Norman, Oklahoma; Eng; 239p w 253 sketches.

†**Leakey**, (Dr) Louis Seymour Bazett (7 Aug 1903–1 Oct 1972); Kenyan anthropologist & archaeologist in East Africa; PhD in anthroplogy from Cambridge Univ, Eng 1930; curator of Coryndon Museum, Kenya 1945–61; w spouse Mary made important discoveries of early primate fossils;
first spouse Henrietta Wilfreda [Freda] [née Avern] Leakey; second spouse Mary [née Nicol] Leakey (–9 Dec 1996); son P Leakey;

disc *species*:

(Euphorbia) **kalisana** (Ethiopia, Kenya) 1940 (desc by S Carter 1982).

Leakey, Philip (21 Jun 1949–); Kenyan politician & businessman; first spouse Katy Leakey; second spouse Valerie [née Fraser] Leakey;father LSB Leakey (mother Mary);

disc *species*:

(Aloe) **francombei** (Kenya) (desc by LE Newton 1994 & na C Francombe).

†**Leal**, [da Costa Leal,] Fernando (1825–29 Dec 1869); Portuguese geologist & cartographer; army officer & administrator at Huila Prov, Angola; his map of Angola assisted FMJ Welwitsch in his travels;

***species* nah:**

(Pachypodium) **lealii** (Angola, Namibia) (desc & nah by FMJ Welwitsch 1869 & disc by him 1859).

†**Leandri**, [Léandri,] Jacques Désiré (12 Jul 1903–10 May 1982); {Leandri}; French taxonomist & botanist at Paris Museum of Natural History; specialized in Mada Euphorbias;
Book [1935] *Euphorbiaceae, Catalogue des Plantes de Mada L'Acadamie Malgache*, Tananarive, Mada; French; 51p,
[1954] *Les Euphorbes Malgaches Epineuses et Charnues du Jardin Botanique de Tsimbazaza* [w E Ursch] Paris, France; French 72p,
[1958] *Euphorbiacees* Paris, France; French; 207p;

***species* nah:**
(Aloe) **leandrii** (Mada) (desc & nah by JM Bosser 1968),
(Basella) **leandriana** (Mada) (desc & nah by JMH Perrier de la Bathie 1950),
(Euphorbia) **leandriana** (Mada) (desc & nah by PL Boiteau 1942),
(Senecio) **leandrii** (Mada) (desc & nah by J-H Humbert 1959),
(Uncarina) **leandrii** (Mada) (desc & nah by J-H Humbert 1962);
desc *species* [w/o E Ursch]:
(Euphorbia) **ambatofinandranae** (Mada) 1966 —> **Euphorbia stenoclada** ssp **ambatofinandranae** by G Cremers 1978,
(Euphorbia) **analalavensis** (Mada) 1966,
(Euphorbia) **beharensis** (Mada) 1946,
(Euphorbia) **boinensis** [w J-H Humbert] (Mada) 1966,
(Euphorbia) **boiteaui** (Mada) 1946 (na P Boiteau),
(Euphorbia) **bosseri** (Mada) 1965 (na J Bosser),
(Euphorbia) **croizatii** (Mada) 1946 (na LCM Croizat),
(Euphorbia) **didiereoides** [w M Denis] (Mada) 1934,
(Euphorbia) **elliotii** (Mada) 1945 (na GF Scott-Elliot),
(Euphorbia) **francoisii** (Mada) 1946 (disc by J-H Humbert & na E Francois),
(Euphorbia) **quartziticola** (Mada) 1946,
(Euphorbia) **tardieuana** (Mada) 1946 (na ML Tardieu-Blot),
(Euphorbia) **tsimbazazae** (Mada) 1946,
(Laportea) **perrieri** (Mada) 1950 (na JMH Perrier de la Bathie),
(Lomatophyllum) **antsingyense** (Mada) 1935 —> **Aloe antsingyensis** by LE Newton & GD Rowley 1997;
desc *species* [w E Ursch]:
(Euphorbia) **capuronii** (Mada) 1955 (na R Capuron),
(Euphorbia) **delphinensis** (Mada) 1955,
(Euphorbia) **duranii** (Mada) 1955 (disc by M Duran 1951 & nah),
(Euphorbia) **fianarantsoae** (Mada) 1955,
(Euphorbia) **genoudiana** (Mada) 1955,
(Euphorbia) **guillemetii** (Mada) 1955 —> **Euphorbia beharensis** var **guillemetii** by WHH Rauh 1999,
(Euphorbia) **horombensis** (Mada) 1955,
(Euphorbia) **millotii** (Mada) 1955 (na J Millot),
(Euphorbia) **paulianii** (Mada) 1955 (na R Paulian),
(Euphorbia) **razafinjohanii** (Mada) 1955;
transfer *species* [w/o E Ursch]:
"Dorstenia humblotiana" (HE Baillon 1895) to **Dorstenia cuspidata** var **humblotiana** 1948,
"Euphorbia xanthadenia" (M Denis 1921) to **Euphorbia mahafalensis** var **xanthadenia** 1946,
transfer *species* [w E Ursch]:
"Euphorbia bevilaniensis" (LCM Croizat 1934) —> **Euphorbia milii** var **bevilaniensis** 1955,
"Euphorbia hislopii" (NE Brown 1913) —> **Euphorbia milii** var **hislopii** 1955,
"Euphorbia splendens" (WJ Hooker 1829) —> **Euphorbia milii** var **splendens** 1955;
desc *variety* [w/o E Ursch]:
(Euphorbia splendens var) **imperatae** (Mada) 1946 (na Imperato Ferrante) —> **Euphorbia milii** var **imperatae** by E Ursch & JD Leandri 1955,
(Euphorbia splendens var) **tananarivae** (Mada) 1946 —> **Euphorbia milii** var **tananarivae** by E Ursch & JD Leandri 1955,
(Euphorbia splendens var) **vulcanii** (Mada) 1946 —> **Euphorbia milii** var **vulcanii** by E Ursch & JD Leandri 1955;
desc *variety* **[w E Ursch]**:
(Euphorbia duranii var) **ankaratrae** (Mada) 1955,
(Euphorbia milii var) **tulearensis** (Mada) 1955,

(Euphorbia viguieri var) **ankarafantsiensis** (Mada) 1955,
(Euphorbia viguieri var) **capuroniana** (Mada) 1955 (na RP Capuron),
(Euphorbia viguieri var) **tsimbazazae** (Mada) 1955,
(Euphorbia viguieri var) **vilanandrensis** (Mada) 1955;
transfer *variety* [w/o E Ursch]:
"Euphorbia intisy var mainty" (HL Poisson 1912) —> **Euphorbia mainty** 1966;
transfer *variety* [w E Ursch]:
"Euphorbia splendens var imperatae" (JD Leadri 1946) —> **Euphorbia milii** var **imperatae** 1955,
"Euphorbia splendens var tananarivae" (JD Leadri 1946) —> **Euphorbia milii** var **tananarivae** 1955,
"Euphorbia splendens var vulcanii" (JD Leadri 1946) —> **Euphorbia milii** var **vulcanii** 1955.

Leao, [Leão,] Antonio Pacheco — See Antonio **Pacheco Leão**.

†**Leasure**, John [Jack] Hicks (15 Feb 1889–29 May 1959); US nurseryman; co-owner w spouse Clara of 'Cactus Acres' succ plant garden, El Paso, Texas; member of El Paso Cactus & Rock Club & Calif Cactus Growers Association, Inc; first spouse Gladys Alma [née Fleet] Leasure (27 Apr 1981–16 Mar 1918) Leasure; second spouse Clara [née Lea] Leasure;
Book [1940] *The Story of Cactus* El Paso, Texas; Eng; 20p.

†**Leblanc**, (Mlle) Alice (fl. 1910s); friend of Raymond-Hamet; France;
***species* nah:**
(Kalanchoe) **leblanciae** (RSA, Mozambique) (desc & nah by Raymond-Hamet 1912 & disc by H-A Junod 1893),
(Sedum) **celiae** (Yunnan) (desc & nah by inversion of given name by Raymond-Hamet 1913),
(Sedum) **leblanciae** (China) (desc & nah by Raymond-Hamet 1910);
desc *species*:
(Kalanchoe) **mitejea** [w Raymond-Hamet] (Uganda, Tanzania, Kenya) 1913.

†**Lebrun**, **Jean** Paul Antoine (7 Oct 1906–15 Sep 1985); {Lebrun}; Belgian botanist; studied colonial agronomic science & bot sciences; to Congo as agronomic engineer 1929–48; collected in Congo; prof at Univ of Louvain 1948~;
desc *species*:
(Stapelia) **kagerensis** [w A Taton] 1948.

l'Ecluse, Charles de — See **Clusius**, Carolus.

†**Lecomte**, (Prof) (Dr) Paul **Henri** (8 Jan 1856–12 Jun 1934); French botanist; DSc in Paris, France 1889; prof of phanérogamie at Natl History Museum, Paris 1906~; founder & editor of *Revue des Cultures Colonials* 1897–1904, *Flore Générale de l'Indo-Chine* 1907~ & *Notulae Systematicae* 1909~; collected in Mada, Congo 1893, French Guiana 1898, Antilles 1898, Senegal 1903 & Indochina 1911–12; FLS 1916;
***species* nah:**
(Cynanchum) **lecomtei** (Mada) (desc & nah by P Choux 1927).

†**LeConte**, (Dr med) John Lawrence (13 May 1825–15 Nov 1883); US entomologist, physician, naturalist; MD at College of Physicians & Surgeons, NY 1846; explored in western US;
spouse Helen S [née Grier] Le Conte;
***species* nah:**
(Echinocactus) **lecontei** (Calif, Arizona, Nevada, Utah, Sonora) (desc & nah by GT Engelmann 1856 & disc

by JM Bigelow 1854) —> **Ferocactus cylindraceus** ssp **lecontei** by NP Taylor 1998.

†**Lecoq**, Henri (28 Apr 1802–4 Aug 1871); {Lecoq}; French pharmacist, botanist & naturalist; prof of natural history & dir of bot garden at Clemont-Ferrand 1826;
desc *species*:
(Sempervivum) **arvernense** [w M Lamotte] (France, Italy) 1847 —> **Sempervivum tectorum** var **arvernense** by BJM Zonneveld 1999.

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Lecron, Jean-Michel (fl. 1989); {Lecron}; France;
desc *species*:
(Monadenium) **bianoense** [w F Malaisse] (Zaire) 1995,
(Monadenium) **bodenghieniae** [w F Malaisse] (Zaire) 1995 (na ? Bodenghien),
(Monadenium) **clarae** [w F Malaisse] (Zaire) 1990 (na Claire Schaijes),
(Monadenium) **cupricola** [w F Malaisse] (Zaire) 1990,
(Monadenium) **dilunguense** [w F Malaisse] (Zaire) 1995,
(Monadenium) **hedigerianum** [w F Malaisse] (Zaire) 1990 (na A Hediger),
(Monadenium) **mamfwense** [w F Malaisse] (Zaire) 1995;
desc *variety*:
(Monadenium pudibundum var) **rotundifolium** [w F Malaisse] (Zaire) 1995.

†**Ledebour**, (Prof) (Dr) Carl [Karl, Carolus] Friedrich [Fridericus] von (8 Jul 1785–4 Jul 1851); {Ledeb.}; Ger-Estonian botanist; PhD at Greifswald 1805; prof of science at Univ of Tartu, Estonia 1811–36; collected in Russia 1832–34 & 1836;
***genus* nah:**
Ledebouria (Tropical Africa, RSA, India) (desc & nah by AW Roth 1821);
desc *species*:
(Cotyledon) **lievenii** (Siberia, central Asia, Mongolia, Tibet, China) 1830 —> **Pseudosedum lievenii** by A Berger 1930,
(Cotyledon) **oppositifolia** (Georgia A) 1837 —> **Umbilicus oppositifolius** by CF von Ledebour 1843,
(Sedum) **algidum** (Siberia, China, Mongolia,) 1830 —> **Rhodiola algida** by FEL von Fischer & CA Meyer 1841,
(Sedum) **ewersii** (Afghanistan, India, Pakistan, Siberia, Mongolia, Tibet, China) 1829 (na JPG Ewers) —> **Hylotelephium ewersii** by H Ohba 1977.

†**Ledermann**, Carl Ludwig (29 Jul 1875–13 Feb 1958); Ger botanist; curator of Victoria Bot Garden, Cameroon; explored & collected in Cameroon & Papua New Guinea;
***pecies* nah:**
(Ceropegia) **ledermannii** (Cameroon, Nigeria) (desc & nah by FRR Schlechter 1913).

†**Ledien**, Franz Carl [Karl] Christoph (29 Apr 1859–27 Apr 1912); Poland to Ger; botanist & nurseryman; head gardener at Dresden Bot Garden & later at Dahlem Bot Garden;
***species* nah:**
(Euphorbia) **ledienii** (Eastern Cape) (desc by A Berger 1907 & disc by KLP Zeyher c1824).

†**Leding**, Albert R; US; bot garden at New Mex State College, Las Cruces nah; student of Cactaceae in sw US;
Book [1929] *The Giant Cactus of Arizona (The use of its Fruits & other Cactus Fruits by the Indians)* [w F Thackery]; Eng; 14p;
***species* nah:**

(Echinocereus) **ledingii** (Arizona) (desc & nah by RH Peebles 1936 & disc by L Wankum 1935).

Lee, GA;
Book [1969] *Chemical Control of Plains Pricklypear in Wyoming* [w H Alley] Laramie, Wyoming, US.

†**Lee**, HE; sheep farmer near Klipplaat, Eastern Cape, RSA;
disc *species*:
(Trichocaulon) **annulatum** (Eastern Cape) 1908 (desc by NE Brown 1909) —> **Hoodia pilifera** ssp **annulata** by PV Bruyns 1993.

†**Lee**, John (c1805–20 Jan 1899); {J.Lee}; British horticulturist & nurseryman; owner [w brother Charles & then nephew William] of *Vineyards Nursery* at Hammersmith, near London (& may have been first 'nursery' in the world in 1745 by grandfather John Lee (1715–25 Jul 1795)); imported plants from Amer & Cape;
***species* nah:**
(Echinocactus) **leeanus** (Buenos Aires) (desc & nah by WJ Hooker 1845 & disc by J Tweedie 1837) —> **Gymnocalycium reductum** ssp **leeanum** by W Papsch 2000.

†**Lee**, Lambert Wilmer (3 Oct 1845–31 Oct 1881); US teacher; AB at Hanover College, Madison, Indiana 1870; collected during a geological survey in Oregon 1875–78;
disc *species*:
(Calandrinia) **leeana** (Calif, Oregon) 1876 (desc & nah by TC Porter 1876) —> **Lewisia leeana** by BL Robinson 1897.

Lee, Madelyn (29 Dec c1935–); US in Calif; 15 yrs as regional administrative officer at Bank of America; manager of 'Grigsby Cactus Garden' nursery 1972~; CSSA Friend award 1997;
Book [1979] *C&S Journal 50 Year Index, July 1929–December 1978* Pasadena, Calif; 83p.

†**Leedal**, (Dr) Geoffrey Philip [Father **Phil**] (1927–7 Dec 1982); British geologist, priest & amateur botanist; PhD in geology at Univ of Leeds, UK; ordained a priest in 1961; worked for Geological Survey, Tanzania 1950–53; missionary in s Tanzania 1961~;
***species* nah:**
` (Aloe) **leedalii** (Tanzania) (desc & nah by S Carter 1994).

†**Leedy**, (Prof) (Dr) John Lang (28 Jul 1906–7 Mar 2005); US biologist; PhD in biology at Univ of Minnesota 1943; prof of biology at Wheaton College 1947-76 & greenhouse nah; one of founders of Wheaton College Black Hills Science Station in South Dakota; spouse Ruth [née Berg] Leedy (–2001);
disc *variety*:
(Sedum rosea var) **leedyi** (Minnesota) 1936 (desc & nah by CO Rosendahl & JW Moore 1947) —> **Rhodiola integrifolia** ssp **leedyi** by RV Moran 2000.

Leendertz, (Miss) Reino — see married name **Pott**, Reino.

†**Leese**, (Lt-Gen) (Sir) Oliver Wm Hargreaves (27 Oct 1894–22 Jan 1978); British veteran of World Wars I & II; owner of succ plant nursery *The Mexico of the Midlands* (later *Worfield Gardens)* at Worfield Manor w spouse trading in mushrooms 1946–49 & in c&s 1950–65; explored in Mex, Arizona, Africa & Mada; Knighted 1943; spouse (Lady) Margaret [née Leicester Warren] Leese (–1964);
Book [1959] *Desert Plants - C&S in the Wild & in Cultivation* [w spouse] London, Eng; Eng; 220p,
[1961] *C&S Plants* [w spouse] London; Eng; 16p,

[1964] *C&OS* London; Eng; 112p w 96p of color photos,
[1973] *Alles over Cactussen en Vetplanten* Helmond, Netherlands; Dutch 143p,
[1973] *Cacti* London; Eng; 144p w over 41 color photos.

Leeuw, (Mrs) de;
***species* nah:**
(Delosperma) **deleeuwiae** (Free State) (desc & nah by MG Lavis 1966).

†**Leeuwenberg**, (Dr) Anthonius Josephus Maria [**Toon**] (11 Aug 1930–2010); {Leeuwenb.}; Dutch botanist & taxonomist; PhD at Utrecht Univ 1958; at Institute of Plant Taxonomy, Utrecht Univ 1952–57; taxonomist at laboratory of plant taxonomy & geography, Wageningen, Netherlands 1957~; collected in Upper Volta, Togo, Liberia, Benin, Burkina Faso, Ghana, Ivory Coast, Dahomey & West Cameroon various yrs 1958~, RSA 1976, Indonesia various yrs 1970~, French Guiana 1978 & 1988, Mada various yrs 1985~, China 1986 & 1989 & Japan 1993; specialized in Apocynaceae, Gesneriaceae & Loganiaceae;
Book [1999] *Pachypodium (Apocynaceae) Taxonomy, Habitats & Cultivation* Rotterdam, Netherlands [w SHJ Rapanarivo, JJ Lavranos, & W Roosli]; Eng; 120p.

†**Leger**, (Dr) Victor; PhD at Univ of Paris 1913;
Book [1913] *Recherches sur la Structure Anatomique du Tégument Séminal des Apocynacées et des Asclepiadacées* Paris, France; French; 76p; (PhD thesis).

†**Legrand**, [Legrand Lasserre,] Carlos Maria **Diego** Enrique (1 Nov 1901–6 Dec 1982); {D.Legrand}; Uruguayan botanist & naturalist; deputy dir at Natl Museum of Anthropology & Natural Hisotria Uruguay 1938–50 & dir 1951~; specialist on Portulaca;
Book [1962] *Las Especies Americanas de Portulaca* Montevideo, Uruguay; Portuguese; 176p w 29 plates;
***species* nah:**
(Portulaca) **diegoi** (Brazil) (desc & nah by JR de Mattos 1984);
desc *species*:
(Portulaca) **californica** (Baja Calif) 1952,
(Portulaca) **cardenasiana** (Bolivia) 1953 (na M Cardenas),
(Portulaca) **colombiana** (Colombia, Venezuela, Margarita Island) 1952,
(Portulaca) **eitenii** (Brazil) 1968 (disc by G Eiten & Liene Eiten & na G Eiten),
(Portulaca) **fluvialis** (Brazil, Peru, Bolivia, Paraguay, Uruguay, Argentina) 1942,
(Portulaca) **hatschbachii** (Brazil) 1962 (na G Hatschbach),
(Portulaca) **hoehnei** (Brazil) 1958 (na FC Hoehne),
(Portulaca) **irwinii** (Brazil) 1970 (na HS Irwin),
(Portulaca) **macbridei** (Peru) 1952 (na JF Macbride),
(Portulaca) **macrosperma** (Bolivia) 1958,
(Portulaca) **masonii** (Clarion Island in Pacific west of Mex) 1952 (na HL Mason),
(Portulaca) **meyeri** (Argentina) 1945 (na ? Meyer),
(Portulaca) **minensis** (Brazil) 1953,
(Portulaca) **mucronulata** (Argentina) 1945,
(Portulaca) **obtusifolia** (Argentina) 1958,
(Portulaca) **papulifera** (Argentina, Uruguay, Brazil) 1946,
(Portulaca) **ragonesei** (Argentina) 1949 (na AE Ragonese),
desc *variety*:
(Portulaca lutea var) **howellii** (Galapagos Islands) 1953 (na JT Howell) —> **Portulaca howellii** by UH Eliasson 1966.

†**Lehmann**, Carl Bernhard (7 Jan 1811–1875); {C.B.Lehm.}; Ger pharmacist;
desc *species*:
(Sempervivum) **ruthenicum** [w GF Schnittspahn] (Romania, Moldavia, Ukraine, Russia) 1855,
(Sempervivum) **tomentosum** [w GF Schnittspahn] (sw Europe) 1856 —> **Sempervivum arachnoideum** ssp **tomentosum** by H Schinz & A Thellung 1923.

†**Lehmann**, Johann Georg [Georgio] Christian [Christiano] (25 Feb 1792–12 Feb 1860); {Lehm.}; Ger botanist & naturalist; prof of physique & natural history at Hamburg Gymnasium Academicum 1818–60 & dir of library 1818–51; helped establish bot garden in Hamburg;
Book [1826] *Cacteae from Delectus Seminum Quae in Horto Hamburgensium Botanico & Novarum et Minus Cognitarum Stirpium Pugillus I-X*; Latin; (1992 reprint w 60p),
[1828] *Index Scholarum in Hamburgensium Gymnasio Academico*; Latin; 44p; (editor of),
[1833] *Delectus Seminum Horto Hamburgensium Botanico* Hamburg, Ger;
***species* nah:**
(Calandrinia) **lehmannii** (Western Australia) (desc & nah by SFL Endlicher 1848) —> **Parakeelya lehmannii** by MA Hershkovitz 1999,
(Mesemb) **lehmannii** (desc & nah by CF Ecklon & CLP Zeyher) —> **Corpuscularia lehmannii** by MHG Schwantes 1926;
desc *species*:
(Cactus) **langsdorfii** (Brazil) 1826 (na GH von Langsdorff) —> **Parodia langsdorfii** by DR Hunt 1997,
(Cactus) **linkii** (Brazil, Argemtina) 1827 (na JHF Link) —> **Parodia linkii** by R Kiesling 1995,
(Cactus) **microdasys** (Mex) 1827 —> **Opuntia microdasys** by LKG Pfeiffer 1837,
(Cactus) **ottonis** (Argentina, Uruguay, Brazil, Paraguay) 1827 (na CF Otto) —> **Parodia ottonis** by NP Taylor 1987,
(Cactus) **placentiformis** (Brazil) 1826 —> **Discocactus placentiformis** by KM Schumann 1894,
(Cactus) **tunicata** (Texas, n Mex) 1827 —> **Cylindropuntia tunicata** by FM Knuth 1936,
(Gesneria) **cardinalis** (Rio de Janeiro) 1850 —> **Sinningia cardinalis** by HE Moore 1973.

Lehr, J Harry; US botanist; curator of herbarium at Desert Bot Garden, Phoenix, Arizona;
Book [1978] *Catalogue of the Flora of Arizona* Phoenix, Arizona, Eng; 203p.

†**Leiberg**, John Bernhard (7 Oct 1853–28 Oct 1913); Sweden to US 1868; bryologist & forester; field agent w USDA collecting in Idaho, Washington, Oregon & Nevada 1895–96 & w US Geological Survey 1897–1903;
***species* nah:**
(Sedum) **leibergii** (Washington, Idaho, Oregon) (desc & nah by NL Britton 1905).

†**Leighton**, [later Isaac,] Frances Margaret (8 Mar 1909–8 Jan 2006); {F.M.Leight.} RSA botanist; BSc at Rhodes Univ 1931; botanist at Bolus Herbarium, Univ of Cape Town, RSA 1931–47; later to Australia; interested in monocots; spouse Wm Edwyn Isaac; father J Leighton;
***species* nah:**
(Bergeranthus) **leightoniae** (Cape) 1934 (desc & nah by HML Bolus 1950),
(Cryptostephanus) **herrei** (Northern Cape) 1932 (na AGJ Herre) —> **Cyrtanthus herrei** by RA Dyer 1959,
(Delosperma) **leightoniae** (Eastern Cape) (desc & nah by MG Lavis 1967),
(Lampranthus) **francesiae** (Western Cape) (desc & nah by HEK Hartmann 1998),
(Mesemb) **leightoniae** (Western Cape) (desc & nah by HML Bolus 1935) —> **Lampranthus leightoniae** by HML Bolus 1939;
desc *species*:
(Boophane) **haemanthoides** (Northern Cape, Western Cape) 1947.

†**Leighton**, James (19 Jan 1855–22 Jan 1930); Scottish horticulturist; to RSA 1881; curator of bot garden at King William's Town 1881–87; nurseryman 1887~; collected in RSA; daughter FM Leighton;
species **nah:**

(Haworthia) **leightonii** (Eastern Cape) (desc & nah by GG Smith 1950) —> **Haworthia cooperi** var **leightonii** by MB Bayer 1976.

†**Leighton-Boyce**, Guy Gilbert (23 Oct 1920–31 Mar 1989); British horticulturist; interested in S Amer Opuntia; IOS member 1976;
Book [1973] *The Subgenus Tephrocactus, a Historical Survey w Notes on Cultivation* [w J Illiff] Essex, Eng; Eng; 106p.

†**Leinfellner**, Walter;
Book [1937] *Beitrage zur Kenntnis der Cactaceen-Areolen*; Ger; 60p.

†**Leipoldt**, (Dr med) Christian Frederick [Frederik, Frederic] **Louis**
(28 Dec 1880–12 Apr 1947); RSA poet, journalist, physician & botanist;
MD at Guy's Hospital, Eng 1907; chief medical inspector of schools in Transvaal 1914;
collected in RSA for HML Bolus & IB Pole-Evans; honorary doctorate from Witwatersrand Univ 1934;
Book [1979] *Dear (Dr) Bolus* Capetown, RSA; Eng; 180p; (letters from 1897 to 1911);
genus **nah:**

Leipoldtia (Namibia, Cape) (desc & nah by HML Bolus 1927);
species **nah:**

(Conophytum) **leipoldtii** (Western Cape) 1919 (desc & nah by NE Brown 1922) —> **Conophytum minusculum** ssp **leipoldtii** by SA Hammer 1993,

(Diplosoma) **leipoldtii** (Cape) (desc & nah by HML Bolus 1928),

(Drosanthemum) **leipoldtii** (Western Cape) (desc & nah by HML Bolus 1930),

(Mesemb) **leipoldtii** (Western Cape) (desc & nah by HML Bolus 1929) —> **Lampranthus leipoldtii** by HML Bolus 1939,

(Ruschia) **leipoldtii** (Western Cape) (desc & nah by HML Bolus 1929) —> **Antimima leipoldtii** by HEK Hartmann 1998;
disc ***species*****:**

(Conophytum) **boreale** (Bushmanland) 1936 (desc by L Bolus 1963) —> **Conophytum lithopsoides** ssp **boreale** by SA Hammer 1993.

Leistner, (Dr) Otto Albrecht (21 Apr 1931–); {Leistn.}; Ger to Tanzania 1937 & to RSA 1947; botanist; DSc at Stellenbosch Univ 1964 w thesis on 'The plant ecology of s Kalahari'; at
Bot Research Institute, Kimberley 1957–63 & liaison officer at Kew 1965–67; dir herbaria, flora research & publication at Pretoria 1965–96; editor of *Bothalia* 1986~; pub on ecology & taxonomy; collected in RSA, Namibia & Botswana; spouse Mariette [née Zeiler] Leistner;
Book [1980] *Brachystelma, Ceropegia, Riocreuxia (Flora of S Africa, Vol 24, Part 4)* Pretoria, RSA; 91p,

[1985] *Crassulaceae (Flora of S Africa, Vol 14),*

[1995] *Flowering Plants of Africa* Kirstenbosch, RSA; Eng; 105p,

[2000] *Seed Plants of Southern Africa, Families & Genera* Pretoria; 775p;
desc ***genus*****:**

Caryotophora (Western Cape) 1958;
species **nah:**

(Euphorbia) **leistneri** (Namibia) (desc & nah by RH Archer 1998);
desc ***species*****:**

(Caryotophora) **skiatophytoides** (Western Cape) 1958.

Lelandais, Christine;
Book [1990] *Les Fasciations Chez les Cactées* Monaco; French; 26p.

†**Lemaire**, **Charles** Antoine (1 Nov 1800–22 Jun 1871); {Lem.}; French botanist, gardener, cactologist, naturalist & horticultural journalist; he graduated from the Univ of Paris were he became a prof of classical literature for period of time; was editor of *L'Horticulteur Universel* Paris 1839–45 & *Le Jardin Fleuriste* Paris 1851–54; editor of *Flores des Serres et des Jardins de l'Europe 1845–54* & *L'Illustration Horticole* 1854–69, at Gent, Belgium; specialized & wrote widely on cacti;
Book [1838] *Cactearum Aliquot Novarum ac Insuetarum en Horto Monvilliano Cultarum Accurata Descriptio* Paris; Latin; 40p; (1992 reprint; Ger; 53p),

[1839] *Cactearum Genera Nova Speciesque Novae et Omnium in Horto Monvilliano Cultarum ex Affinitatibus Naturalibus Ordinatio Nova Indexque Methodicus* Paris, France; Latin; 115p; (reprint 1988),

[1841–47] *Iconographie Descriptive des Cactées, ou Essais Systématiques et Raisonnés sur L'Histoire Naturelle, la Classification et la Culture des Plantes de Cette Famille* Paris; French; 32p w 15 plates; (in 8 fascicles) (1993 reprint w 81p),

[1845] *Manuel de L'Amateur de Cactus* Paris; French; 125p; (reprint Berlin 1988),

[1868] *Les Cactees (Histoire, Patrie, Organes de Végétation, Inflorescence, & Culture)* Paris; French; 140p,

[1869] *Les Plantes Grasses autres que les Cactees* Paris; French; 135p;

genus **nah:**

Lemaireocereus (desc & nah by NL Britton & JN Rose 1909) (syn of Stenocereus);

desc *genera*:

Adromischus (Cape, Namibia) 1852,
Anhalonium 1839 (syn of Ariocarpus SCHEIDWEILER & Lophophora COULTER),
Aporocactus (Mex) 1860 (syn of Disocactus LINDLEY),
Astrophytum (Mex) 1839,
Beaucarnea (Central Amer, Mex) 1861 (na M Beaucarne),
Cephalophorus 1838 (syn of Pilosocereus BYLES & ROWLEY),
Cleistocactus (Peru, Bolivia, Argentina, Paraguay, Uruguay) 1861,
Consolea (Brazil, Cuba, Dominican Rep, Haiti, Jamaica, Cayman Islands, Lesser Antilles, Puerto Rico, Florida, British Virgin Islands, US Virgin Islands) 1862 (na M Console),
Coryphantha (Mex, sw US) 1868 (name was first used as a subgenus of genus **Mammillaria** by G Engelmann 1856),
Courantia 1851 (syn of Echeveria CANDOLLE),
Pilocereus 1839 (syn of Pilosocereus BYLES & ROWLEY),
Schlumbergera (Brazil) 1858 (disc by A Cunningham & na F Schlumberger),
Tephrocactus (Peru, Bolivia, Argentina) 1868;

species **nah:**

(Euphorbia) **lemaireana** (Zanzibar) (desc & nah by PE Boissier 1862);

desc *species*:

(Agave) **fourcroydes** (Mex) 1864,
(Agave) **kerchovei** (Hidalgo, Oaxaca, Puebla) 1864 (na COC Kerchove),
(Agave) **schidigera** (Mex) 1861 (disc by B Roezl 1860) —> **Agave filifera** ssp **schidigera** by B Ullrich 1992,
(Anhalonium) **kotschoubeyanum** (Nuevo Leon, Queretaro, San Luis Potosi, Tamaulipas, Zacatecas) 1845 (na Prince Kotschoubey & disc by WF von Karwinsky c1840) —> **Ariocarpus kotschoubeyanus** by KM Schumann 1897,
(Astrophytum) **myriostigma** (Coahuila, Nuevo Leon, San Luis Potosi, Tamaulipas) 1839 (disc by HG Galeotti 1937),
(Beaucarnea) **gracilis** (Puebla, Oaxaca) 1861,
(Beaucarnea) **recurvata** (Vera Cruz) 1861,

(Beaucarnea) **stricta** (Puebla, Oaxaca) 1861,
(Boucerosia) **decaisneana** (Senegal, Sudan, Mauretania, Algeria, Morocco) 1844 (disc by GS Perrottet c1825 & na J Decaisne) —> **Orbea decaisneana** by PV Bruyns 2001,
(Cactus) **fernambucensis** (Brazil) 1839,
(Cactus) **monvillii** (San Luis, Cordoba) 1838 (na HB de Monville) —> **Gymnocalycium monvillei** by NL Britton & JN Rose 1922,
(Cereus) **baumannii** (Argentina) 1844 (na N Baumann) —> **Cleistocactus baumannii** by AC Lemaire 1861,
(Cereus) **monacanthus** (Colombia, Panama, Costa Rica, Ecuador, Guyana, Nicaragua, Peru, Surinam, Trinidad, Tobago, Venezuela) 1845 (disc by JF Cels) —> **Hylocereus monacanthus** by NL Britton & JN Rose 1920,
(Codonanthe) **devosiana** (Brazil) 1855,
(Consolea) **catacantha** 1862,
(Consolea) **ferox** 1862,
(Consolea) **leucacantha** 1862,
(Consolea) **rubescens** 1862,
(Consolea) **spinosissima** 1862,
(Coryphantha) **scheeri** (Chihuahua, New Mex, Texas) 1868 (na F Scheer) —> **Coryphantha robustispina** ssp **scheeri** by NP Taylor 1998,
(Courantia) **echeverioides** 1851,
(Courantia) **rosea** 1853,
(Crassula) **multicava** (Eastern Cape, Natal) 1862,
(Dasylirion) **hookeri** (Hidalgo, San Luis Potosi) 1859 (na WJ Hooker & disc c1845 by ?) —> **Calibanus hookeri** by WA Trelease 1911,
(Dasylirion) **longissimum** (San Luis Potosi, Tamaulipas, Hidalgo) 1856,
(Echeveria) **agavoides** (San Luis Potosi, Hidalgo, Guanajuato, Durango) 1863,
(Echeveria) **cymosa** (Calif, Oregon) 1858 —> **Dudleya cymosa** by NL Britton & JN Rose 1903,
(Echeveria) **fulgens** (México, Jalisco, Michoacan, Oaxaca) 1845,
(Echeveria) **linguifolia** (Mex) 1863 —> **Cremnophila linguifolia** by RV Moran 1975,
(Echinocactus) **coptonogonus** (Mex) 1838 —> **Stenocactus coptonogonus** by AW Hill 1933,
(Echinocactus) **gracillimus** (Brazil, Uruguay) 1839 —> **Frailea gracillima** by NL Britton & JN Rose 1922,
(Echinocactus) **hexaedrophorus** (Nuevo Leon, San Luis Potosi, Zacatecas, Tamaulipas) 1839 —> **Thelocactus hexaedrophorus** by NL Britton & JN Rose 1922,
(Echinocactus) **horizonthalonius** (Texas, New Mex, Arizona, Guanajuato, San Luis Potosi, Sonora, Tamaulipas) 1839,
(Echinocactus) **lemairei** (Dominican Republic, Haiti) 1838 (na him) —> **Melocactus lemairei** by him 1840,
(Echinocactus) **mammulosus** (Brazil, Argemtina) 1838 —> **Parodia mammulosa** by NP Taylor 1987,
(Echinocactus) **monvillei** (Argentina) 1838 (na HB de Monville) —> **Gymnocalycium monvillei** by NL Britton & JN Rose 1922,
(Echinocactus) **pumilus** (Paraguay, Argentina, Brazil, Uruguay) 1838 —> **Frailea pumila** by NL Britton & JN Rose 1922,
(Echinocereus) **poselgeri** (Texas, Coahuila, Nuevo Leon, San Luis Potosi, Tamaulipas) 1868 (disc by H Poselger 1850 & nah),
(Euphorbia) **crispa** (Cape) 1857,
(Euphorbia) **xylophylloides** (Mada) 1857,
(Mamm) **elephantidens** (central Mex) 1838 —> **Coryphantha elephantidens** by him 1868,
(Mamm) **horripila** (Hidalgo) 1838 —> **Turbinicarpus horripilus** by V John & J Riha 1983,
(Mamm) **spinosissima** (Morelos, Mexico, Guerrero) 1838,
(Opuntia) **aoracantha** (Argentina) 1838 —> **Tephrocactus aoracanthus** by him 1868,
(Opuntia) **streptacantha** (Mex) 1839,
(Phyllocactus) **anguliger** (Guerrero Nayarit, Oaxaca, Jalisco) 1851 (disc by KT Hartweg 1846)

—> **Epiphyllum anguliger** by G Don 1855,

(Pilocereus) **arrabidae** (Rio de Janeiro, Espirito Santo, Bahia) 1862 (na FA d'Arrabida) —> **Pilosocereus arrabidae** by RS Byles & GD Rowley 1957,

(Rhipsalis) **houlletiana** (Brazil, Argentina) 1858 —> **Lepismium houlletianum** by WA Barthlott 1987,

(Rhipsalis) **lumbricoides** (Uruguay, Paraguay, Argentina, Bolivia, Brazil) 1839 —> **Lepismium lumbricoides** by WA Barthlott 1987;

transfer *species*:

"Cereus cinerascens" (AP de Candolle 1828) —> **Echinocereus cinerascens** 1868,
"Cereus engelmannii" (GT Engelmann 1852) —> **Echinocereus engelmannii** 1868,
"Cereus longisetus" (GT Engelmann 1856) —> **Echinocereus longisetus** 1868,
"Cereus pentalophus" (AP de Candolle 1828 —> **Echinocereus pentalophus** 1868,
"Cotyledon caryophyllacea" (NL Burman 1768) —> **Adromischus caryophyllaceus** 1852,
"Cotyledon cristata" (AH Haworth 1827) —> **Adromischus cristatus** 1852,
"Cotyledon hemisphaerica" (C Linneaus 1753) —> **Adromischus hemisphaericus** 1852,
"Cotyledon maculate" (JMF Salm-Dyck 1820) —> **Adromischus maculates** 1852,
"Cotyledon mammillaris" (C von Linne *fil.* 1782) —> **Adromischus mammillaris** 1852,
"Echinocactus asterias" (JG Zuccarini 1845) —> **Astrophytum asterias** 1868,
"Mamm cornifera" (AP de Candolle 1828) —> **Coryphantha cornifera** 1868,
"Mamm erecta" (LKG Pfeiffer 1837) —> **Coryphantha erecta** 1868,
"Mamm glanduligera" (CF Otto 1848) —> **Coryphantha glanduligera** 1868,
"Mamm macromeris" (GT Engelmann 1848) —> **Coryphantha macromeris** 1868,
"Mamm ottonis" (LKG Pfeiffer 1838) —> **Coryphantha ottonis** 1868,
"Mamm pycnacantha" (CFP von Martius 1832) —> **Coryphantha pycnacantha** 1868,
"Opuntia spinosissima" (AC Lemaire 1768) —> C**onsolea spinosissima** 1862.

†**Lembcke**, Hans (30 May1918–28 Sep 1985); {Lemb.}; Ger horticulturist & Landscape architect in Hamburg, Ger; to Chile 1953-71; cactus collector in Chile;

***subsp* nah:**

(Eriosyce napina ssp) **lembckei** (Chile) (desc & nah by F Kattermann 1994).

†**Lemmon**, John Gill (2 Jan 1832–24 Nov 1908); {Lemmon}; US botanist & Civil War veteran; employed at Calif State Board of Forestry 1888–92;collected w spouse in Arizona & Sonora 1905; sent specimens to A Gray; spouse Sara Allen [née Plummer] Lemmon (1836–1909);

disc *species*:

(Oreobroma) **longipetalum** (Calif) 1875 (desc by CV Piper 1913) —> **Lewisia longipetala** by S Clay 1937.

†**Lemon**, (Sir) Charles (3 Sep 1784–13 Feb 1868); British politician & scientist; wealthy landowner w large garden in Eng; worked w Rhododendron hybrids; 2nd pres of The Royal Statistical Soc 1836–38; baron 1824; spouse Charlotte Ann [née Foxstrangways] Lemon;

disc *species*:

(Cereus) **biformis** (El Salvador, Guatemala) 1839 (desc by J Lindley 1843) —> **Disocactus biformis** by J Lindley 1845,

(Cereus) **crenatus** (Mex, Honduras, Guatemala, El Salvador) 1839 (desc by J Lindley 1844) —> **Epiphyllum crenatum** by G Don 1855.

†**Lems**, Kornelius (12 May 1931–17 Mar 1968); {Lems}; Dutch botanist & ecologist; to US; prof of biology-plant sciences; collected in Canary Islands;

Book [1974] *Flora of the Canary Islands: The Cruciferae, The Crassulaceae & the Ferns & their Allies* [w C Holzapfel] Madrid, Spain;109p w 22 plates;

***species* nah:**

(Aeonium) **korneliuslemsii** (Morocco) (desc & nah by H-Y Liu 1989).

Lenain, Hervé;
Book [2012] *Plantes à Caudex de A à Z*; French; 256p.

†**Leninghaus**, Wilhelm [Frederico Guillermo] (11 Mar 1845–5 Nov 1918); Ger to Porto Alegre, Rio Grande do Sul, Brazil; collected in Brazil;
***species* nah:**
(Echinocactus) **leninghausii** (Brazil, Paraguay, Uruguay) (desc & nah by KM Schumann 1900) —> **Parodia leninghausii** by FH Brandt 1982.

Lenz, (Prof) (Dr) Lee Wayne (1915–); {L.W.Lenz}; US botanist & mycologist;
PhD in botany at Washington Univ, St. Louis, Missouri 1948; geneticist at Rancho Santa Ana Botanic Garden, Claremont, Calif 1948~; prof of botany at Claremont Graduate School, Calif 1951~; specialist in cytology & bot history; a centenarian;
Book [1992] *An Annotated Calalogue of the Plants of the Cape Region, Baja Calif Sur, Mex* Claremont; Eng; 114p;
desc *species*:
(Yucca) **capensis** (Baja Calif) 1998.

†**Leon**, [León,] (Dr hc) Hermano [né Joseph Sylvestre Sauget y Barbis]
(31 Dec 1871–20 Nov 1955); {Leon}; French missionary & botanist; to Havana, Cuba 1905; honorary PhD at Columbia Univ, NYC 1927; CSSA Fellow award 1945;
Book [1934] *The Genus Melocactus en Cuba*; Spanish; 9p,
[1942] *Itineraires Botaniques Dans L'Ile de Cuba* [w JLC Victorin]; French; 496p;
***species* nah:**
(Leptocereus) **leonii** (Cuba, Cayman Islands) (desc & nah by NL Britton & JN Rose 1912);
desc *species*:
(Leptocereus) **wrightii** (Cuba) 1940 (na C Wright),
(Melocactus) **matanzanus** (Cuba) 1934,
(Portulaca) **tuberculata** (Cuba) 1950.

†**Leopold**, (Prof) (Dr) Aldo Starker (22 Oct 1913–23 Aug 1983); US zoologist & naturalist;
PhD at Univ of Calif, Berkeley 1944; prof at Museum of Vertebrate Zoology, Univ of Calif;
collected in Mex 1944–57; spouse Elizabeth [née Weiskotten] Leopold;
Book [1963] *The Desert* Amsterdam, Netherlands; Eng; 191p.

Lerner, Carol; US color illustrator;
Book [1992] *Cactus: The Most Beautiful Species & Their Care* NYC; Eng; 32p.

Leroy, André; French horticulturist; worked for Parks & Gardens, Paris;
Book [1954] *Les Cactées et Leur Culture* Paris, France; 32p.

Leroy, (Monsieur) I (fl. 1964);
disc *species*:
(Ceropegia) **leroyi** (Mada) (desc & nah by WHH Rauh & JLE Marnier-Lapostolle 1964).

†**Leschot**, (Mlle) Suzanne; an acquaintance of Raymond-Hamet;
***species* nah:**
(Sedum) **susannae** (China) (desc & nah by Raymond-Hamet 1910).

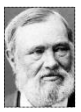
†**Leslie**, Owen; son of TN Leslie;
disc *species*:
(Mesemb) **lesliei** (Botswana, Free State, Gauteng, Limpopo, North-West, Northern Cape) 1908 (desc & nah by NE Brown 1912) —> **Lithops lesliei** by NE Brown 1922.

†**Leslie**, (Dr hc) Thomas Nicholas (1858–5 Sep 1942); Eng to RSA 1881; building construction, anthropologist, paleontologist, geologist, botanist & amateur naturalist; honorary DSc from Witwatersrand Univ 1913; collected & photographed succ in the Transvaal;
***species* nah:**
(Agnirictus) **lesliei** (RSA) (desc & nah by MHG Schwantes 1930) —> **Stomatium lesliei** by OH Volk 1955,
(Rabiea) **lesliei** (Orange Free State) (desc & nah by NE Brown 1931).

†**Lessen**, (Major) Michael Derrick van (22 Nov 1916–23 Jul 1990); British army in Aden & Yemen 1962–65; spouse Barbara Mary [née Nicholl] Lessen (1916–1979);
disc *species*:
(Sarcostemma) **vanlessenii** (Yemen, Ethiopia, Kenya, Tanzania) (desc & nah by JJ Lavranos 1974) —> **Cynanchum vanlessenii** by DJ Goyder 2009.

†**Lessing**, (Dr med) Christian Friedrich (10 Aug 1809–13 Mar 1862); {Less.}; Ger physician & botanist; PhD at Berlin 1832; traveled in Norway, European & Asiatic Russia & later to Krasnojarsk, Siberia;
Book [f1832] *Synopsis GenerumCompositarum Earumque Dispositionis Novae Tentamen Monographiis Multarum Capensium Interjectis* Berolini; 473p;
desc *species*:
(Brachyrhynchos) **junceus** (Western Cape) 1832 —> **Senecio junceus** by WH Harvey 1865,
(Cephaloseris) **poeppigii** (Peru, Chile) 1830 (na EF Poeppig) —> **Polyachyrus poeppigii** by CF Lessing 1830,
(Didelta) **tomentosa** (RSA) 1832 —> **Didelta carnosa** var **tomentosa** by H Roessler 1959,
(Othonna) **auriculifolia** (Cape) 1831,
(Othonna) **carnosa** (Eastern Cape) 1832;
transfer *species*:
"Cacalia kleinia" (C Linnaeus 1753) —> **Senecio kleinia** 1831.

†**Lester-Garland**, [né Lester] Lester Vallis (28 Jul 1860–23 Mar 1944); {Lest.-Garl.}; British botanist; lecturer at St. John's College, Oxford, Eng 1886–96;
principal at Victoria College, Jersey 1896–1911; FLS 1899;
desc *species*:
(Crassula) **tillaea** (Europe, Morocco to Tunisia, Madeira Islands, Canary Islands, Turkey) 1903.



†**Letourneux**, (Dr) Aristide-Horace (1820–3 Mar 1890); {Letourn.};
French lawyer, botanist & malacologist; LLD at College of Rennes; in Algeria 1881~;
desc *species*:
(Sedum) **tuberosum** [w E Cosson] (Tunisia, Algeria) 1875.

†**Letty**, [later Forssman,] (Dr hc) **Cythna** Lindenberg (1 Jan 1895–3 May 1985); {Letty};
RSA poet & botanical artist; artist at Bot Research Institute, Pretoria, RSA 1945–66; painted 50 plates of euphorbias; designer of *Aloe aculeata* on S African 10 cent coin; bot illustrator for AC White & BL Sloane books & also for *Flowering Plants of S Africa* bot magazine w over 200 plates by her;
Cythna Letty Nature Reserve near Barberton nah; collected in Cape, Transvaal & Natal; honorary doctorate from

Univ of Witwatersrand, RSA 1974; CSSA Fellow award 1977; spouse Oscar Wm Alric Forssman;
Book [1962] artist on *Wild Flowers of the Transvaal* (text by RA Dyer, IC Verdoorn & LEW Codd); Pretoria, RSA; Eng; 362p w 174 color plates,

[1981] *Children of the Hours –indigenous plants w peculiar habits (drawings, paintings & poems)* Johannesburg, RSA; 63p;

disc *species*:

(Aloe) **lettyae** (Limpopo) 1935 (desc & nah by GW Reynolds 1937);

desc *species*:

(Aloe) **reynoldsii** (Eastern Cape) 1934 (na GW Reynolds),

(Caralluma) **gerstneri** (Natal) 1936 (disc by J Gerstner & nah) —> **Orbea gerstneri** by PV Bruyns 2001,

(Euphorbia) **knobelii** (North-West) 1934 (disc by JC Knobel c1933 & nah),

(Euphorbia) **lydenburgensis** [w HGW Schweickerdt] (Mpumalanga) 1933 (disc by JC van Balen & GJ de Wijn 1932),

(Hoodia) **langii** [w AA Obermeyer] (Cape, British Bechuanaland) 1937 (disc by H Lang & E Schweickerdt 1933 & na H Lang),

(Hoodia) **rosea** [w AA Obermeyer] (Cape, British Bechuanaland) 1936 (disc by H Lang & E Schweickerdt 1933).

Leubnitz, [later Pechuel-Loesche,] Elsbeth von (fl. 1884); Ger; explored w spouse in Hereroland (Namibia) 1884–85; spouse ME Pechuel-Loesche ;

***species* nah:**

(Aerva) **leubnitziae** (Namibia) (desc & nah by CEO Kuntze 1886) —> **Arthraerva leubnitziae** by H Schinz 1893.

Leuck II, (Dr) Edwin [Ed] E;
Book [1980] *Biosystematic Studies in the Echinocereus viridiflorus Complex*; 122p PhD thesis at Oklahom Univ/.

†**Leue**, Marga (20 Apr 1926–17 Oct 2009); Ger horticulturist; owner of nursery business *Kakteen aus der Ilmesmühle* in Haunetal, Ger; specialized in hybrid epicacti;
Book [1988] *Epiphyllum, the Splendor of Leaf Cacti* Baden-Baden, Ger; Eng/Ger; 125p w 122 color photos by sons Holger & Matthias.

†**Leuenberger**, (Prof) (Dr) Beat Ernst (27 Aug 1946–20 May 2010); {Leuenb.};
Swiss to Ger; PhD at Heidelberg Univ, Ger 1975; prof at Botanischer Gasrten und Botanisches Museum, Freie Univ, Berlin-Dahlem 1976~; honorary research associate of NY Bot Garden 1985; specialized in morphology & taxonomy of Cactaceae, biology of succ & neotropical flora; IOS member 1976; spouse Silvia [née Arroyo] Leuenberger;
Book [1976] *Die Pollenmorphologie der Cactaceae und ihre Bedeutung für die Systematik mit Beiträgen zur Methodik Rasterelektronenmik-roskopischer Pollenunter-suchungen und mit Edv-Unterstützten Korrelation-sanalysen* Vaduz, West Ger; Ger; 322p w 26 plates; PhD dissertation,

[1985] *Hans Krainz—Sein Leben—Seine Veroffentlichungen* [w U Eggli] Zurich, Switzerland; Ger; 32p,

[1986] *Pereskia (Cactaceae)* NYC; Eng; 141p,

[1997] *Maihuenia (Monograph of a Patagonian Genus of Cactaceae)* Stuttgart, Ger; Eng; 92p,

[1997] *Flora of the Guianas, Series A; Phanograms. 31: Cactaceae* Kew; Eng; 63p; (includes native cacti in Guyana, Suriname & French Guiana);

desc *species*:

(Cleistocactus) **longiserpens** (Peru) 2002 (disc by PC Hutchison 1957) —> **Borzicactus longiserpens** by GJ Charles 2010;

transfer *species*:

"Loxanthocereus sulcifer" (WHH Rauh & C Backeberg 1957) —> **Cleistocactus sulcifer** 2002;
desc *variety*:
(Pereskia grandifolia var) **violaceae** (Brazil) 1986 (disc by L Horst & WJ Uebelmann 1967–68) —> **Pereskia grandifolia** ssp **violaceae** by NP Taylor & DC Zappi 1997.

Levdanskaya, PE; Russian horticulturist;
Book [1972] *Kaktusy I Drugie Sukkulenti V Komnatach* = "C&OS Indoors" Minsk, Russia; Russian; 160p.

†**Leveille**, [Léveillé,] (Prof) Augustin Abel **Hector** (13 Mar 1864–25 Nov 1918); {H.Lev. or H.Lév.}; French botanist & clergyman; prof at College de Pondicherry, India 1887–90; f ounded magazine *Le Monde des Plantes* 1891;
desc *species*:
(Aristolochia) **mairei** (China) 1912 (na EE Maire) —> **Ceropegia mairei** by HFJ Huber 1957,
(Sedum) **chanetii** (China) 1908 (disc by L Chanet & nah) —> **Orostachys chanetii** by A Berger 1930,
(Sedum) **chrysanthemifolium** (Nepal, Sikkim, Bhutan, India, Tibet, Myanmar, China) 1931 —> **Rhodiola chrysanthemifolia** by SH Fu 1965,
(Sedum) **phyllanthum** [w E Vaniot] (China) 1904.

Lever, Allen; Waterberg district of Transvaal, RSA;
disc *species*:
(Euphorbia) **waterbergensis** (Limpopo) 1940 (desc by RA Dyer 1951).

Levick, M;
bBook [2000] *Desert Gardens* [w G Lyons] NYC; Eng; 176p.

†**Leviseur**, (Mr);
disc *species*:
(Huernia) **insigniflora** (Northern Prov, Mpumalanga) ≈1927 (desc by CA Maass 1928).

†**Levy**, Benjamin (May/Jun 1896–); US to Hwange, Zimbabwe; pharmaceutical chemist & assayer at Wankie Colliery Company in Hwange 1928–1952; collected in Rhodesia & cultivated succ; interested in Stapeliads;
***species* nah:**
(Huernia) **levyi** (Botswana, Zambia, Zimbabwe) (desc & nah by AA Obermeyer 1936 & disc by S Tapscott 1928).

†**Levyns**, [née Michell,] (Dr) Margaret Rutherford Bryan (24 Oct 1890–11 Nov 1975); {Levyns}; RSA botanist & phytogeographer; lecturer at S Africa College (Cape Town Univ later) 1916~; DSc at Cape Town Univ 1933; pub on taxonomy & phytogeography; S African Medal award 1958; collected in Western Cape; first woman pres of Royal Soc of S Africa; spouse John Levyns;
Book [1929] *A Guide to the Flora of the Cape Peninsula* Cape Town, RSA; Eng; 284p,
[1963] *Flora Africana* [w W Tyrrell-Glynn] Cape Town; Eng/Afrikaans; 77p,
[1968] *A Botanists Memoirs (60 yrs in the Botany Dept of the Univ of Cape Town)* Cape Town; Eng; 40p.

Lewdanskaja, PF;
Book [1972] *Kaktusy I Drugie Sukkulenty v Kommatakh* Minsk; 159p + 32 plates.

†**Lewis**, (Dr) Gwendoline Joyce (27 Mar 1909–11 Apr 1967); {G.J.Lewis}; RSA botanist & taxonomist; PhD at Cape Town Univ 1932; botanist at S African Museum Herbarium 1938–56; research officer at Natl Bot Garden, Kirstenbosch 1956~; collected at Cape; specialized on RSA Iridaceae;
***species* nah:**

(Mesemb) **lewisiae** (Western Cape) (desc & nah by HML Bolus 1937) —> **Lampranthus lewisiae** by HML Bolus 1939;

desc *species*:

(Urginea) **multifolia** (Northern Cape) 1952.

†**Lewis**, Meriwether (18 Aug 1774–11 Oct 1809); US army captain, naturalist, astronomer & explorer; joint leader of Lewis & Clark Expedition 1803–06 across the newly purchased Louisiana Territory across n US to mouth of Columbia River on west coast & back;
genus nah:

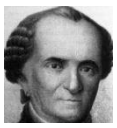
Lewisia (western N Amer from sw Canada to Baja Calif) (desc & nah by FT Pursh 1814);

disc *species*:

(Lewisia) **rediviva** (Canada to Calif) 1806 (desc by FT Pursh 1814),

(Sedum) **stenopetalum** [w W Clark] (Rocky Mtns of Montana to Washington & Calif) c1806 (desc by FT Pursh 1814).

Lewis, R;
Book [1979] *Cactus Comics*; Eng; 60p.



†**L'Heritier**, [L'Heritier de Brutelle, L'Héritier de Brutelle,] Charles Louis (15 Jun 1746–16 Aug 1800); {L'Hér.}; French magistrate & wealthy amateur botanist in Paris; conseiller à la 'Cour des Aides' 1775–89; had large private herbarium of over 8,000 species, sold to AP de Candolle after his death;

Book [1787–88] *Geraniologia, seu Erodii, Pelargonii, Geranii, Monsoniae et Grieli historia iconibus illustrata* Paris, France; 64p w 44 leaves of plates; text not pub until 1802;

desc *genera*:

Didelta (Namibia, Northern Cape, Western Cape) 1786,

Pelargonium (Africa, Mada, Yemen, Turkey, Iraq, Australia, New Zealand) 1789,

Plectranthus (Africa, Asia, Australia, Mada, Malesia, Melanesia) 1788;

desc *species*:

(Monsonia) **spinosa** (Western Cape, Northern Cape) 1792 (disc by W Paterson 1778),

(Pelargonium) **ceratophyllum** (Namibia) 1789 (disc by AP Hove 1786),

(Pelargonium) **cortusifolium** (Great Namaq) 1789,

(Pelargonium) **crassicaule** (Namibia) 1789 (disc by AP Hove 1786),

(Pelargonium) **dipetalum** (Western Cape) 1792,

(Pelargonium) **senecioides** (Western Cape) 1789,

(Plectranthus) **fruticosus** (Western Cape to Limpopo) 1788,

(Tamus) **elephantipes** (Eastern Cape) 1788 —> Testudinaria elephantipes by RA Salisbury 1824 —> **Dioscorea elephantipes** by HGA Engler 1908,

(Tetragonia) **crystallina** (Peru) 1784;

transfer *species*:

"Geranium acetosum" (C Linnaeus 1753) —> **Pelargonium acetosum** 1789,

"Geranium carnosum" (C Linnaeus 1755) —> **Pelargonium carnosum** 1789,

"Geranium cotyledonis" (C Linnaeus 1771) —> **Pelargonium cotyledonis** 1789,

"Geranium exstipulatum" (AJ Cavanilles 1787) —> **Pelargonium exstipulatum** 1789,

"Geranium fulgidum" (C Linnaeus 1953) —> **Pelargonium fulgidum** 1789**,**

"Geranium gibbosum" (C Linnaeus 1753) —> **Pelargonium gibbosum** 1789,

"Geranium lobatum" (NL Burman 1759) —> **Pelargonium lobatum** 1789,
"Geranium odoratissimum" (C Linnaeus 1753) —> **Pelargonium odoratissimum** 1789,
"Geranium peltatum" (C Linnaeus 1753) —> **Pelargonium peltatum** 1789,
"Geranium pinnatum" (C Linnaeus 1753) —> **Pelargonium pinnatum** 1789,
"Geranium rapaceum" (C Linnaeus 1759) —> **Pelargonium rapaceum** 1789,
“Geranium tetragonum” (C von Linne *fil.* 1781) —> **Pelargonium tatragonum** 1789,
"Geranium triste" (C Linnaeus 1753) —> **Pelargonium triste** 1789.

Li, Ping Tao (1936–); {P.T.Li}; Chinese botanist;
desc *species*:
(Ceropegia) **sinoerecta** [w MG Gilbert] (Yunnan) 1995;
transfer *variety*:
"Ceropegia longifolia var exigua" (H Huber 1957) —> **Ceropegia exigua** [w MG Gilbert] 1995.

†**Liardet**, (Mr) ?; Weihaiwei, Shandong Prov, China;
disc *species*:
(Sedum) **floriferum** (ne China) 1911 (desc by RL Praeger 1918) —> **Phedimus floriferus** by H 't Hart 1995.

Liberona, Flavia;
Book [1998] *Plantas Altoandienas en la Flora Silverstre de Chile* [w MK Arroyo, M Munoz, AE Hoffmann & J Watson]; Spanish; 279p w colored plates of plants every other page.

†**Lichtenstein**, (Dr med) **Martin** Heinrich [Henry] Karl [Carl] von (10 Jan 1780–3 Sep 1857); {Licht.}; Ger physician, zoologist, botanist & naturalist; MD in 1802 & honorary doctorate from Berlin Univ 1811; explored in RSA 1803–06; later dir of zoological garden in Berlin\\[1811–12] *Reisen in Südlichen Africa 1803–04–05–06* = "Travels in s Africa in **Book** [1803–06] Berlin, Ger; Ger; (Eng edition 1812–15 in 2 Vols);
disc *species*:
(Decabelone) **barklyi** (Cape, Transvaal, Free State, Zimbabwe, Namibia, Angola) 1805 (desc by WT Thiselton-Dyer 1875 & na H Barkly) —> **Tavaresia barklyi** by NE Brown 1904.

†**Liddle**, David James (c1943–2010); {Liddle}; Australia; spouse IM Liddle;
Book [1986] *Hoya in Australia* [w PI Forster] Fortitude Valley; Eng; 39p,
[1991] *Variations in Hoya Australis* [w PI Forster]; 20p,
[1992] *Hoyas in Papuasia* [w PI Forster] Fortitude Valley; 16p; (in S Pacific);
desc *genus*:
Madangia [w PI Forster & IM Liddle] (Papua New Guinea) 1997;
desc *species*:
(Hoya) **magnifica** [w PI Forster] (Papua New Guinea) 1992,
(Madangia) **inflata** [w PI Forster & IM Liddle] (Papua New Guinea) 1997;
transfer *species*:
"Hoya rupicola" (KD Hill 1988) —> **Hoya australis** ssp **rupicola** [w PI Forster] 1991;
desc *subsp*:
(Hoya australis ssp) **oramicola** [w PI Forster] (Northern Territory) 1991,
(Hoya calycina ssp) **glabrifolia** [w PI Forster] (Papua, Papua New Guinea) 1992;
transfer *subsp*:
"Hoya oligotricha ssp tenuipes" (KD Hill 1988) —> **Hoya australis** ssp **tenuipes** [w PI Forster] 1991.

Liddle, Iris Marie (c1949–); {I.M.Liddle}; Australia; spouse DJ Liddle;
desc *genus*:
Madangia [w PI Forster & DJ Liddle] (Papua New Guinea) 1997;
desc *species*:
(Madangia) **inflata** [w PI Forster & DJ Liddle] (Papua New Guinea) 1997.

†**Lieb**, JWF;
Book [1784] *Von der Eispflanze, ein Fast Specifisches Arzneimittel (Mesemb cristallinum)*; 16p.

†**Liebe**, Curt;
Book [1928] *Worterbuch fur Kakteenliebhaber* Berlin, Ger; Ger; 40p.

†**Liebenberg**, Louis Christiaan Cronje (11 Mar 1900–26 Feb 1985); RSA agricultural geneticist & botanist; MSc in Agriculture at McGill Univ, Canada 1925; geneticist at Dept of Agriculture, Barbados, West Indies 1926–27; botanist at Dept of Agriculture in Uganda 1927–30 & in RSA 1930–62; studied & collected succ in Namibia, Mada, RSA, Lesotho & Uganda;
Book [1939] *A Revision of the S African Species of Adenia*; Eng; 58p; (from Bothalia, Vol III. Part 4);
***species* nah:**
(Delosperma) **liebenbergii** (Transvaal) (desc & nah by HML Bolus 1954);
disc *species*:
(Adromischus) **liebenbergii** (Eastern Cape) 1956 (desc & nah by PC Hutchison 1959).

Liebermann, H;
Book [1959] *a Biochemical Study of the Acid Metabolism of Bryophyllum calycinum SALIS.*; 236p.

†**Liebmann**, Frederik Michael (10 Oct 1813–29 Oct 1856); {Liebm.}; Danish botanist; lecturer at Danish Royal Veterinary & Agricultural College 1837; explored in Cuba & Mex 1840–43; prof of botany at Univ of Copenhagen 1845 & dir of bot garden 1852~; interested in ferns;
***species* nah:**
(Sedum) **liebmannianum** (Texas, Oaxaca) (desc & nah by WB Hemsley 1878);
transfer *species*:
"Parietaria microphylla" (C Linnaeus 1759) —> **Pilea microphylla** 1851,
"Urtica serpyllacea" (CS Kunth 1817) —> **Pilea serpyllacea** 1851.

†**Liebner**, C (fl. 1895); {Liebner};
desc *species*:
(Echinocereus) **knippelianus** (Coahuila, Nuevo Leon) 1895 (na K Knippel).

Liede, [later Liede-Schumann,] (Prof) (Dr) Sigrid L (12 Jan 1957–); {Liede}; Ger botanist; PhD at Univ of Hamburg 1988; prof of botany at Univ of Bayreuth, Ger; student of HEK Hartmann; worked at Missouri Bot Garden, St Louis, Missouri 1988–90; collected in s & eastern Africa 1982, Sri Lanka 1983, Canary Islands 1984, Thailand 1988, sw US 1898, Mex 1989 & 1992, Mada 1992, S Amer 1993 & Belize 1995; wrote articles on Mesembryanthemaceae & Asclepiadaceae; IOS member 1988; FLS 1991;
desc *genus*:
Tanquana [w HEK Hartmann] (Cape) 1986;
***species* nah:**
(Cynanchum) **sigridiae** (Mada) (desc & nah by U Meve & M Teissier 1996);
desc *species*:
(Cibirhiza) **albersiana** [w U Meve & H Kunze] (Tanzania, Zambia) 1994 (na F Albers),

(Cynanchum) **ansamalense** (Mada) 1996,
(Cynanchum) **appendiculatopsis** (Mada) 1996,
(Cynanchum) **crassipedicellatum** [w U Meve] (Mada) 1994,
(Cynanchum) **floriferum** [w U Meve] (Mada) 2001,
(Cynanchum) **folotsioides** [w U Meve] (Mada) 1996,
(Cynanchum) **grandidieri** [w U Meve] (Mada) 2001 (na A Grandidier),
(Cynanchum) **hardyi** [w U Meve] (Mada) 1996 (na DS Hardy),
(Cynanchum) **humbert-capuronii** [w U Meve] (s Mada) 2001 (na H Humbert & RPR Capuron),
(Cynanchum) **lenewtonii** (Ethiopia, Kenya) 1994 (na LE Newton) —> **Cynanchum gerrardii** ssp **lenewtonii** by DJ Goyder 2009,
(Cynanchum) **mevei** (Mada) 1996 (na U Meve),
(Cynanchum) **nematostemma** (Mada) 1996,
(Cynanchum) **petignatii** [w WHH Rauh] (Mada) 1996 (na H Petignat),
(Cynanchum) **phillipsonianum** [w U Meve] (Mada) 1996 (na PB Phillipson),
(Cynanchum) **subtile** (Mada) 1993,
(Cynanchum) **toliari** [w U Meve] (Mada) 2001,
(Erepsia) **babiloniae** (Western Cape) 1990,
(Erepsia) **dubia** (Western Cape) 1990,
(Folotsia) **ambovombensis** (Mada) 1996 —> **Cynanchum ambovombense** by SL Liede & U Meve 2001,
(Karimbolea) **mariensis** [w U Meve] (Mada) 1998 —> **Cynanchum mariense** by SL Liede & U Meve 2001,
(Sarcostemma) **antsiranense** [w U Meve] (Mada) 1997,
(Sarcostemma) **elachistemmoides** [w U Meve] (Mada) 1995,
(Sarcostemma) **membranaceum** [w U Meve] (Mada) 1995,
(Sarcostemma) **mulanjense** [w U Meve] (Malawi) 1992 —> **Cynanchum viminale** ssp **mulanjense** by DJ Goyder 2009;

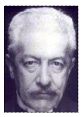
transfer *species*:

"Asclepias stipitacea" (P Forsskal 1775) —> **Sarcostemma viminale** ssp **stipitaceum** [w U Meve] 1996,
“Caralluma arabica” (NE Brown 1895) —> **Desmidorchis arabicus** [w U Meve] 2002,
"Cynanchum bekinolense" (P Choux 1914) —> **Cynanchum gerrardii** ssp **bekinolense** [w U Meve] 2001,
"Karimbolea verrucosa" (BM Descoings 1960) —> **Cynanchum verrucosum** [w U Meve] 2001,
“Mesemb canum” (AH Haworth 1795) —> **Pleiospilos compactus** ssp **canus** [w HEK Hartmann] 1986,
“Mesemb lacerum” (AH Haworth 1795) —> **Erepsia lacera** 1990,
“Mesemb pillansii” (HML Bolus 1908) —> **Erepsia pillansii** 1990,
“Mesemb prismaticum” (MHG Schwantes 1919) —> **Tanquana prismatica** [w HEK Hartmann] 1986,
“Mesemb sororium” (NE Brown 1920) —> **Pleiospilos compactus** ssp **sororius** [w HEK Hartmann] 1986,
"Platykeleba insignis" (NE Brown 1895) —> **Cynanchum insigne** [w U Meve] 2001,
“Pleiospilos archeri” (HML Bolus) —> **Tanquana archeri** [w HEK Hartmann] 1986,
“Pleiospilos fergusoniae” (HML Bolus 1929) —> **Pleiospilos compactus** ssp **fergusoniae** [w HEK Hartmann] 1986,
“Pleiospilos hilmarii” (HML Bolus) —> **Tanquana hilmarii** [w HEK Hartmann] 1986,
“Pleiospilos minor” (HML Bolus 1931) —> **Pleiospilos compactus** ssp **minor** [w HEK Hartmann] 1986,
"Prosopostelma aculeatum" (BM Descoings 1957) —> **Cynanchum aculeatum** [w U Meve] 1996,
"Pycnoneurum junciforme" (J Decaisne 1838) —> **Cynanchum junciforme** 1993,

"Pycnoneurum sessiliflorum" (J Decaisne 1838) —> **Cynanchum sessiliflorum** 1993,
"Ruschia aristata" (HML Bolus) —> **Erepsia aristata** [w HEK Hartmann] 1998,
"Sarcocyphula gerrardii" (WH Harvey 1863) —> **Cynanchum gerrardii** 1991,
"Sarcostemma thunbergii" (G Don 1838) —> **Sarcostemma viminale** ssp **thunbergii** [w U Meve] 1993;
desc *subsp*:
(Cynanchum lineare ssp) **keraudreniae** (Mada, Comoro Islands) 1996 (na M Keraudren-Aymonin),
(Sarcostemma viminale ssp) **orangeanum** [w U Meve] (Namibia, Northern Cape, Free State) 1993,
(Sarcostemma viminale ssp) **suberosum** [w U Meve] (Africa) 1996 —> **Cynanchum viminale** ssp **suberosum** by DJ Goyder 2009;
desc *variety*:
(Cynanchum luteifluens var) **longicoronae** (Mada) 1996.

†**Lightle**, (Dr) Paul Charles (17 Nov 1918–12 Mar 2003); US plant pathologist; PhD in plant pathology at Univ of Calif, Berkeley; 35 yrs at USDA; monitored saguaro plots for cactus related diseases at Saguaro & Organ Pipe Natl Monuments in Arizona w LS Gill from 1941 into the 1950s; spouse Fern V Lightle (1918–16 Aug 2006);
Book [1942] *Cactus Disease Investigations* [w LS Gill] Tucson, Arizona; Eng; 40p,
[1947] *Field Observations on Bacterial Necrosis of the Giant Cactus* Tucson, Arizona, Eng; 21p; (MS thesis).

Lighton, Conrad; RSA journalist;
Book [1960] *Cape Floral Kingdom. The Story of S Africa's Wild Flowers, & the People who Found, Named & Made them Famous the World Over* Capetown, RSA; 221p w 15 color plates.



†**Lillo**, (Dr hc) Miguel (27 Jul 1862–4 May 1931); Argentine naturalist, botanist & chemist; student of F Schickendantz; at Tucuman 'Oficina Químia' 1892~; honorary doctorate at Plata Univ 1914;
Book [1919] *Las Asclepiadaceas argentinas*; 27p.

Lim, Hanny;
Book [1968] *Tussen Cactus en Agave*; Dutch; 92p.

†**Lima**, Oswaldo Gonçalves de (7 Nov 1908–21 Sep 1989); Mex teacher, chemist, scientist:
Book [1956] *El Maguey y el Pulque en los Codices Mexicanos* Mex City, Mex; Spanish; 278p.

Lime, Rudy; Philippines to San Diego, Calif; member of San Diego C&SS 1981; bonsai specialist;
Book [2007] *Pachyforms II: Bonsai Succulents* [w P de Vosjoli]; Eng; 387p w 500 color photos.

†**Lindberg**, Gustaf [Gösta] Anders (14 Aug 1832–3 Feb 1900); {G.Lindb.}; Swedish botanist; explored & collected in Brazil 1854–55; specialist on Rhipsalis;
Book 1893] *Rhipsalis Puniceo Discus*; Ger; 3p; (from Garden Flora magazine, Vol 41);
desc *species*:
(Lepismium) **dissimile** (Brazil) 1890 —> **Rhipsalis dissimilis** by KM Schumann 1890,
(Rhipsalis) **pulvinigera** (Brazil) 1889 —> **Rhipsalis floccosa** ssp **pulvinigera** by WA Barthlott & NP Taylor 1995,
(Rhipsalis) **puniceodiscus** (Brazil) 1893.

†**Linden**, (Dr) **Seymour** Leon (17 Jul 1921–9 Apr 2005); US chemist in industrial coatings industry over 30 yrs & horticulturist; PhD in organic chemistry at Univ of Calif, Los Angeles 1945; c&s hobbyist 1972~; CSSA BoD 1982~ & pres 1986–89; chairman of CSSA Research Grant Fund 1983~; explored & collected in Costa Rica, Peru, Bolivia, Zimbabwe, Kenya, Mada, RSA, Sudan & Somalia; IOS member 1986; CSSA Special Service award 1991; CSSA Fellow award 1995;

first spouse Ruth Linden; second spouse Doris Linden;
Book [1994] *Somalia 1986 (Euphorbia)*; 29p;
***species* nah:**
(Conophytum) **lindenianum** (Little Namaq) (desc & nah by MG Lavis & SA Hammer 1989 & disc by AGJ Herre c1928) —> **Conophytum tantillum** ssp **lindenianum** by SA Hammer 1991,
(Monadenium) **lindenii** (Somalia) (desc & nah by S Carter 1993);
disc *species*:
(Aloe) **lindenii** (Somalia) 1985 (desc & nah by JJ Lavranos 1997),
(Ceropegia) **lindenii** (Somalia) 1985 (desc & nah by JJ Lavranos 1991);
(Euphorbia) **herman-schwartzii** [w WHH Rauh, HA Schwartz & DC Wasshausen] (Mada) 1990 (desc by WHH Rauh 1991 & na HA Schwartz);
***variety* nah:**
(Peperomia vestita var) lindenii (Bolivia) (desc & nah by WHH Rauh 1999).

Linder, HP;
Book [1991] *Systematics, Biology & Evolution of some South African Taxa* {w HEK Hartmann, EGH Oliver, P Goldblatt, BE van Wyk] Cape Town, RSA; 288p.

†**Lindheimer**, Ferdinand Jacob (21 May 1801–2 Dec 1879); {Lindh.}; Ger teacher, naturalist, botanist & newspaper editor; to US 1834; collected for GT Engelmann & A Gray in Texas 1843~; newspaper editor in New Braunfels, Texas 1844–72; spouse Eleonore [née Reinarz] Lindheimer;
disc *species*:
(Mamm) **sulcata** (Coahuila, Nuevo Leon, Tamaulipas, Texas) 1844 (desc by GT Engelmann 1845) —> **Coryphantha sulcata** by NL Britton & JN Rose 1923,
(Yucca) **constricta** (Texas) 1843 (desc by SB Buckley 1862),
(Yucca) **rupicola** (Texas) 1845 (desc by GHA Scheele 1850).

†**Lindinger**, Karl Hermann **Leonhard** (4 Feb 1879–1956); {Linding.}; Ger botanist & entomologist; specialist on Cactaceae family of plants;
transfer *species*:
(Epiphyllum) **nelsonii** (NL Britton & JN Rose 1913) —> **Disocactus nelsonii** 1942.

†**Lindley**, (Prof) (Dr hc) **John** (5 Feb 1799–1 Nov 1865); {Lindl.}; British naturalist, horticulturist, botanist, taxonomist & bot artist; librarian at Royal Horticultural Soc 1822–63; prof of botany at Univ College, London, Eng 1829–60; honorary doctorate from Univ of Munich, Ger 1833; specialized in orchids; wrote on world's plant families; editor of *Botanical Register* 1829–47 & *Gardener's Chronicle* 1841; FLS 1820; FRS 1828; *The Lindley Library* at Royal Horticultural Soc (established 1866) nah; spouse Sarah [née Freestone] Lindley (1797-1869);
Book [1830] *An Intro to the Natural System of Botany*; Eng; 374p; revised editions to 1839,
[1836] *A Natural System of Botany* London, Eng; Eng; 526p,
[1853] *The Vegetable Kingdon* London; Eng; 908p;
desc *genera*:
Disocactus (Mex, Guatemala, Honduras, Nicaragua, El Salvador) 1845,
Mandevilla (Tropical Amer) 1840 (na HJ Mandeville),
Pachypodium (RSA, Namibia, Mada) 1830,
Pilea (tropics worldwide) 1821,
Streptocarpus (tropical Africa, Mada, Comoros) 1828;
***species* nah:**

(Aeonium) **lindleyi** (Canary Islands) (desc & nah by PB Webb & S Berthelot 1840),
(Sinningia) **lindleyi** (Brazil) (desc & nah by JC Schauer 1834);

desc *species*:

(Alona) **carnosa** (Chile) 1844 —> **Nolana carnosa** by MF Dunal 1852,
(Alona) **coelestis** (Chile) 1844 —> **Nolana coelestis** by MF Dunal 1852,
(Alona) **rostrata** (Chile) 1844 —> **Nolana rostrata** by MF Dunal 1852,
(Aplocarya) **divaricata** (Chile) 1844 —> **Nolana divaricata** by IM Johnston 1936,
(Calandrinia) **balonensis** (Australia) 1848 —> **Parakeelya balonensis** by MA Hershkovitz 1999,
(Calandrinia) **grandiflora** (Chile) 1828 —> **Cistanthe grandiflora** by MA Hershkovitz 1990,
(Ceradia) **furcata** (Namibia) 1845 —> **Othonna furcata** by GC Druce 1917,
(Cereus) **biformis** (El Salvador, Guatemala) 1843 (disc by C Lemon 1839) —> **Disocactus biformis** by J Lindley 1845,
(Cereus) **crenatus** (Mex, Honduras, Guatemala, El Salvador) 1844 (disc by C Lemon 1839) —> **Epiphyllum crenatum** by G Don 1855,
(Chirita) **sinensis** (China) 1844,
(Convolvulus) **albivenius** (Natal, Gauteng, Mpumalanga, Limpopo Prov, Zimbabwe, Mozambique) 1827 —> **Ipomoea albivenia** by R Sweet 1830,
(Delabechea) **rupestris** (Queensland) 1848 —> **Brachychiton rupestris** by KM Schumann 1893,
(Drymonia) **punctata** (Guatemala, Mex) 1842 —> **Alsobia punctata** by JLE von Hanstein 1854,
(Echeveria) **acutifuolia** (Oaxaca) 1842,
(Echeveria) **farinosa** (Oregon, central coast of Calif) 1849 —> **Dudleya farinosa** by NL Britton & JN Rose 1903,
(Echeveria) **nuda** (Puebla, Veracruz) 1856,
(Echeveria) **rosea** (Guerrero, Oaxaca, Chiapas, Veracruz, Puebla, San Luis Potosi, Hidalgo) 1842,
(Echeveria) **scheerii** (Oaxaca) 1845 (na F Scheer),
(Gesneria) **douglasii** (Argentina, Brazil) 1827 (na D Douglas) —> **Sinningia douglasii** by A Chautems 1990,
(Gesneria) **macrostachya** (Rio Grande do Sul) 1828 —> **Sinningia macrostachya** by A Chautems 1990,
(Nolana) **paradoxa** (Chile) 1825,
(Opuntia) **aurantiaca** (Argentina, Uruguay) 1833,
(Pelargonium) **rodneyanum** (S Australia, Victoria, New S Wales) 1838 (disc by TL Mitchell & na G Rodney),
(Sedum) **misera** (Mex) 1838 —> **Villadia misera** by RT Clausen 1959,
(Sedum) **multicaule** (Pakistan, India, Bhutan, Sikkim, Myanmar, Tibet, China) 1840,
(Spironema) **fragrans** (Tamaulipas to Yucatan) 1840 —> **Callisia fragrans** by RE Woodson 1942;

transfer *species*:

"Sedum quitense" (CS Kunth 1823) —> **Echeveria quitensis** 1852.

†**Lindman**, (Dr) Carl Axel Magnus (6 Apr 1856–21 Jun 1928); Swedish botanist & bot artist; PhD at Uppsala Univ 1884; botanist at Natural History Museum , Stockholm, Sweden 1887~; collected in Brazil & Paraguay 1892–94;

***species* nah:**

(Kalanchoe) **lindmanii** (Angola) (desc & nah by Raymond-Hamet 1913).

†**Lindsay**, (Dr) **George** Edmund (17 Aug 1916–16 Jul 2002); {G.E.Linds.}; US lemon orchard grower & botanist; PhD (student of IL Wiggins) at Stanford Univ, Palo Alto, Calif 1955; first dir of Desert Bot Garden, Papago Park, Phoenix, Arizona (founded by GD Webster) 1939–40; dir of San Diego Natural History Museum, Calif, 1957–62; dir of Calif Academy of Sciences (& its Natural History Museum), San Francisco, Calif 1963–82; explored & collected in Baja Calif, some 26 adjacent islands & mainland Mex (at various times w

T Hutchison, RT Craig, HW Bool, RV Moran, F Miranda, EY Dawson) 1930s~; CSSA Fellow award 1949; IOS member 1955; Monaco Cactus d'Or award 1992; wrote numerous articles for US C&S Journal; spouse Geraldine [Gerry] [née Kendrick Morris] Lindsay (10 Aug 1918–3 Dec 1983);
Book [1937] *The Cactaceae of the N District of Lower Calif, Mex* San Diego, Calif; Eng; 138p; (a paper presented to an honorary biological fraternity at San Diego State College),
[1945] *The Genus Cochemiea* Pasadena, Calif; Eng; 15p,
[1947/48] *A Cruise in the Gulf of Calif* ; Eng; 16p; (from CSSA Journal),
[1955] *The Taxonomy & Ecology of the Genus Ferocactus* Stanford, Calif; Eng; 349p; (PhD Thesis),
[1962] *The Belvedere Expedition to the Gulf of Calif* San Diego, Calif; Eng; 44p,
[1963] *Cacti of San Diego County* San Diego, Calif; Eng; 48p,
[1964] *Sea of Cortez Expedition of the Calif Academy of Sciences June 20–July 4, 1964* San Francisco, Calif; Eng; 31p,
[1966] *The Gulf Islands Expedition of 1966* San Francisco; Eng; 45p,
[1996] *The Taxonomy & Ecology of the Genus Ferocactus (Explorations in the USA & Mex)* [w new studies of Ferocactus by JH Cota] Eng; 444p; (rev from 1956 PhD thesis by GE Lindsay);
***species* nah:**
(Echinocereus) **lindsayi** (Baja Calif) (desc & nah by J Meyran 1975 & disc by H Sanchez-Mejorada 1975) —> **Echinocereus ferreirianus** ssp **lindsayi** by NP Taylor 1997,
(Ferocactus) **lindsayi** (Michoacan) (desc & nah by H Bravo-Hollis 1966 & disc by H Bravo-Hollis 1965),
(Opuntia) **lindsayi** (Baja Calif) (desc & nah by JP Rebman 1997 & disc by JP Rebman et al. 1994) —> **Cylindropuntia lindsayi** by JP Rebman 2002;
disc *species*:
(Echeveria) **craigiana** [w RT Craig] (Chihuahua, Sonora) 1939 (desc by EE Walther 1952 & na RT Craig);
(Sedum) **craigii** [w RT Craig] (Chihuahua) 1939 (desc by RT Clausen 1943 & na RT Craig);
desc *species*:
(Cochemiea) **maritima** (Baja Calif) 1937 (disc by him 1935) —> **Mamm pondii** ssp **maritime** by DR Hunt 1997,
(Echinocereus) **websterianus** (San Pedro Nolasco Island in Gulf of Calif off Baja Calif) 1947 (disc by IM Johnston 1921 & na GD Webster),
(Ferocactus) **gatesii** (islands & islets at mouth of Los Angeles Bay in Baja Calif) 1955 (disc by HE Gates 1935 & nah) —> **Ferocactus gracilis** ssp **gatesii** by NP Taylor 1998,
(Ferocactus) **schwarzii** (Sinaloa) 1955 (disc by F Schwarz 1940 & nah),
(Mamm) **boolii** (Sonora) 1953 (disc by him 1952 & na HW Bool),
(Mamm) **estebanensis** (Isla San Esteban off Baja Calif) 1967 (disc by IM Johnston 1921) —> **Mamm dioica** ssp **estebanensis** by DR Hunt 1998,
(Mamm) **louisae** (Baja Calif) 1960 (disc by Louisa Hutchison 1934 & nah) —> **Mamm hutchisoniana** ssp **louisae** by DR Hunt 1997,
(Mamm) **multidigitata** (San Pedro Nolasco Island in Gulf of Calif off Sonora) 1947 (disc by IM Johnston 1921),
(Mamm) **tegelbergiana** (Chiapas) 1966 (disc by HE Gates & GH Tegelberg Sr 1953 & na GH Tegelberg Sr) —> **Mamm albilanata** ssp **tegelbergiana** by DR Hunt 1997;
transfer *species*:
"Echinocactus histrix" (AP de Candolle 1828) —> **Ferocactus histrix** 1955;
desc *variety*:
(Ferocactus fordii var) **grandiflorus** (Mex) 1955 (disc by him 1948) —> **Ferocactus chrysacanthus** ssp **grandiflorus** by NP Taylor 1998,
(Ferocactus wislizeni var) **tiburonensis** (Sonora) 1955 (disc by him 1952) —> **Ferocactus tiburonensis** by C Backeberg 1961.

Lindsay, Lowell & Diana;

Book [1998] *The Anza-Borrego Desert Region*; Eng; 258p.

†**Link**, (Prof) (Dr med) Johann Heinrich Friedrich (2 Feb 1767–1 Jan 1851); {Link}; Ger physician, naturalist, zoologist & botanist; MD from Gottingen Univ, Ger 1789; first prof of chemistry, zoology & botany at Rostock Univ 1792; prof of chemistry & botany at Breslau Univ 1811–15; prof of natural history, dir of bot garden & curator of herbarium at Berlin Royal Bot Garden 1815~, successor to KL von Willdenow at garden; worked w CF Otto; spouse Charlotte Juliane [née Josephi] Link (c1768–1829);
Book [1820–28] *Icones Plantarum Selectarum Horti Regii Botanici Berolinensis cum Descriptionibus et Colendii Ratione Auctoribus** Berlin, Ger; Latin; 128p; (in 10 Parts);
[1821–22] *Enumeratio Plantarum Horti Regii Botanici Berolinensis Altera* Berlin, Ger; Latin; (in 2 parts);
[1821] Part 1; 458p;
[1822] Part 2; 478p,
[1827] *Ueber die Gattungen Melocactus und Echinocactus** Berlin; Latin; 23p; (reprint Erlenbach, Switzerland 1981; Ger; 36p),
[1828–31] *Icones Plantarum Rariorum Horti Regii Botanici Berolinensis cum Descriptionibus et Colendi Ratione** Berlin; 96p,
[1830] *Ueber Eine Neue Cactus—Art, Echinocactus oxygonus** Berlin; Latin; 19p;
[*w CF Otto]
desc *genera*:
Echinocactus [w CF Otto] (Mex, Calif, Arizona, New Mex, Texas, Nevada, Utah) 1827,
Melocactus [w CF Otto] (Mex, Central Amer, West Indies, Venezuela, Brazil, Colombia, Peru) 1827 (credit given for genus name to J Tournefort),
Pachyphytum [w CF Otto & JF Klotzsch] (Mex) 1841,
Phyllocactus (Mex) 1829 (syn of Epiphyllum HAWORTH);
***species* nah:**
(Cactus) **linkii** (Brazil, Argemtina) (desc & nah by JGC Lehmann 1827) —> **Parodia linkii** by R Kiesling 1995;
desc *species*:
(Cactus) **reductus** (Buenos Aires) 1822 —> **Gymnocalycium reductum** by FL Mittler 1844,
(Echinocactus) **denudatus** [w CF Otto] (Brazil, Argentina) 1828 (disc by F Sellow 1824) —> **Gymnocalycium denudatum** by FL Mittler 1844,
(Echinocactus) **oxygonus** [w CF Otto] (Argentina, Brazil, Paraguay, Uruguay) 1830 —> **Echinopsis oxygona** by LKG Pfeiffer & CF Otto 1838,
(Echinocactus) **platyacanthus** [w CF Otto] (Mex) 1827,
(Euphorbia) **broussonetii** (Canary Islands) 1828 (na PMA Broussonet),
(Mamm) **rhodantha** [w CF Otto] (Hidalgo, Mexico) 1829,
(Pachyphytum) **bracteosum** [w JF Klotzsch & CF Otto] (Hidalgo) 1841 (disc by CA Ehrenberg 1838),
(Portulaca) **mucronata** (Brazil, Bolivia, Paraguay) 1822,
(Sempervivum) **punctatum** (Canary Islands) 1828 —> **Aichryson punctatum** by PB Webb & S Berthelot 1840,
(Sempervivum) **tortuosum** (Canary Islands) 1789 —> **Aichryson tortuosum** by PB Webb & S Berthelot 1840,
(Tradescantia) **crassula** [w CF Otto] (Brazil) 1828;
transfer *species*:
"Cereus macracanthos" (JFM Salm-Dyck 1820) —> **Melocactus macracanthos** [w CF Otto] 1827.

Link, R;
Book [1981] *Kleiner Ratgeber fur die Kakteenpflege im Heim* Rostock, Switzerland; Ger; 48p.

Linley, Kay;
Book [1972] *Flowers of the Veld* [w B Baker] Salisbury, Rhodesia; Eng; 120p.

†**Linnaeus**, [Linnæus, Linnæi, von Linné, von Linne,] (Prof) (Dr med) **Carolus** [Caroli] [Carl] (23 May 1707–10 Jan 1778); {L. };
(The name Carl von Linné was adopted in 1762 upon his ennoblement by the Swedish King. The Latinized name 'Linnaeus' was adopted by his father, Niles Ingemarsson Linnaeus (1674–1748),a pastor & gardener, prior to son's birth.);
Swedish physician, naturalist, botanist, entomologist, taxonomist & founder of modern plant systematics & nomenclature; MD at Hardarwijk Univ, Netherlands 1735; physician & gardener for Anglo-Dutch banker, George Clifford, at De Hartecamp (near Haarlem), Netherlands 1735–38; visited Univ of Oxford, Eng 1736 & met JJ Dillenius & P Miller; physician in Stockholm 1738–41; prof of medicine & natural history at Univ of Uppsala, Sweden 1741~; awarded Knight of Polar Star 1758; maintained his own herbarium; primarily an organizer of data compiled & collected by others, his basic binomial system for naming organisms (generic name plus specific epithet) is still in wide use today; upon death of his son in 1783, C Linnaeus' library, manuscripts & natural history collections were sold to JE Smith, who founded the Linnean Soc in 1788 in honor of C Linnaeus; honored w commemorative postage stamps by Sweden, Bulgaria, Ger, Romania, Russia & San Marino; spouse Sara [Lisa] Elisabeth [née Moraea] Linne; he

(a) was known as the 'father of nomenclature';

(b) became the chosen prophet of systematic botany & zoology — the man of the day to bring order out of chaos;

(c) developed a classification system of binomial nomenclature that worked in which the name of a species is composed of two words, the first being the "genus" to which that species is referred, the second, the "specific epithet";

(d) his major contributions to botany were (1) choosing the species as the basic unit of classification, (2) recognizing the importance of precise descriptive language for plants which could be universally understood & (3) recognizing the importance of including all plants in a unified system;

(e) held strong views on generic names, **objecting** to (1) names that were too long, (2) names of neither Greek nor Latin origin, (3) names consisting of two or more separate words—which lead to discarding many names used by JP de Tournefort & J Ray;

(f) used an artificial sexual system of classification of plants in all his books (influenced by Sebastien Vaillant (1669–1722)) providing an easily used key to the plant kingdom even though he recognized that it brought some strange plants together using this system;

Book [1735] *Systema Naturae, Sive Regna Tria Naturae Systematice Proposita per Classes, Ordines, Genera & Species* Uppsala, Sweden; Latin; 13p; 12 editions pub 1735–66; 13–16 editions pub as *Systema Vegetabilis* 1774–82;

(**This was the first book** to publish a taxonomic arrangement of organizing plants, animals, & minerals into classes, orders, genera, & species, according to their reproductive structures - stamens of the male plants and pistils of the female plant),

[1736] *Fundamenta Botanica quae majorum operum prodromi instar theoriam scientiae botanices per breves aphorismos tradunt* Amsterdam, Netherlands; Latin; 35p; (standardizing technical terms);

(**This book** showed his interest in theoretical botany consisting of 365 aphorisms which laid down C Linnaeus' ground rules for botany & as the basis of his 1737 Critica Botanica.),

[1736] *Bibliotheca Botanica recensens libros plus mille de plantis huc usque editos, secundum systema auctorum naturale in classes, ordines, genera & species dispositos, additis editionis loco, tempore, forma, lingua* Amsterdam; Latin; 166p,

[1737] *Critica Botanica in qua nomina plantarum generica, specifica, & variantia examini subjiciuntur* Leiden, Netherlands; Latin; 270p; formulated rules for application of names;

(**This book** desc the new genus Stapelia to prevent confusion between the genera Asclepias, Crassa, Aizoides & Stisseria.),

[1737] *Genera Plantarum Eorumque Characteres Naturales Secundum Numerum, Figuram, Situm & Proportionem Omnium Fructificationis Partium* Uppsala; Latin, 384p; 9 editions 1737–1831;

(**This book** defined all of the genera then known to him & accepted by him.),

[1737] *Hortus Cliffortianus – plantas exhibens quas in hortis tam vivis quam siccis, Hartecampi in Hollandia* = "Catalogue of rare plants in private bot garden of George Clifford (1685–1760), a wealthy banker"; Latin; 501p w 16 species of cacti & 1 pereskia listed w illustrations by G Ehret & J Wandelaar in 32 leaves of plates; (issued privately in 1737 & to public in 1739; in later 1742 edition pereskia was included in w cactus genus),

[1738] *Classes Plantarum* Leiden; Latin; 656p;

(**This book** offered two additional systems to try to more accurately express relationships among genera—which never caught on with his contemporaries or the public in general.),

[1749] *Amonitates Academicae* [w P Camper, editor] Leiden; Latin; 610p w 15 engraved plates; (includes c&s in the Uppsala Bot Garden),

[1751] *Philosophica Botanica, in Qua Explicantur Fundamenta Botanica – cum definitionibus partium, exemplis terminorum, observationibus rariorum, adjectis figuris aeneis* Stockholm, Sweden; Latin; 362p w 11 leaves of plates; 4 editions pub 1751–1809;

(**This book** attempts to set out a natural classification as opposed to his earlier artificial sexual system w 25 genera under a Succulentae label.),

[1752] *Specimen Academicum quo Euphorbia Ejusque Historia Naturalis et Medica Exhibetur*....Uppsala, Sweden; Latin; 34p; (a dissertation on 40 species of Euphorbia by one of his students, Johannes Wiman),

[1753] *Species Plantarum – exhibentes plantas rite cognitas, ad genera relatas, cum differentiis specificis, nominibus trivialibus, synomymis selectis, locis natalibus, secundum systema sexuale digestas* Stockholm; Latin; desc about 7,300 species of plants within about 2,000 genera in 2 Vols;

Vol 1; 560p; Vol 2; 640p;

(second edition 1762 & third edition 1764; see K Willdenow for 5th edition in 1799); (facsimile reprint 1957 w intro by WT Stearn; Eng?; 1,299p; in 2 Vols);

(**This book** was important because it was accepted at the 'International Bot Congress of Vienna' in 1905 as the beginning of modern systematic botany. It includes some 7,300 species w their synonyms & localities, using a consistently applied binomial nomenclature system of naming plants (genus & specific epithet) for each plant); desc as 'year one' in botanical nomenclature,

[1759] *Flora Capensis*; Latin; 19p; a flora of the Cape cataloguing some 500 plants; Latin; (included 40 mesembs, 11 crassulas, 24 pelargoniums, 7 senecios & other succ),

[1760] *Plantae Rariores Africanae*; Latin; 28p; some 100 more plants of the Cape;

desc *genera*:

Adansonia (Africa, Mada, Australia) 1759 (na M Adanson),

Agave (sw US, Mex, Central Amer, n S Amer, West Indies) 1753,

Aizoon (Canary Islands, Spain, Italy, across n Africa, Socotra, Kenya, India, Afghanistan, s Africa from Angola to RSA to Zimbabwe) 1753,

Albuca (Africa, Arabia) 1762,

Aloe (s & eastern Africa, Arabia, Mada, Mascarene Islands) 1753,

Anacampseros (s Africa) 1758,

Asclepias (N & S America) 1753 (na Asklepios, ancient Greek deity of medicine),

Basella (Mada, Africa) 1753,

Begonia (tropics & subtropics worldwide) 1753 (na M Begon),

Bombax (Mex) 1754,

Bulbine (RSA, Australia) 1737,

Bursera (US, Mex into S Amer) 1763 (na J Burser),

Cacalia 1753 (ancient Greek name used by P Dioscorides & G Plinius) (syn of Senecio LINNAEUS),

Cactus (N, Central & S Amer, West Indies) 1753 (pre-Linnaeus authors of 17th & 18th centuries knew of

Cereus type, Opuntia type & Melocactus type genera),

Carica (subtropical Amer) 1753,

Ceropegia (Africa, Arabia, Asia, Australia) 1753,

Cissus (tropical & subtropical Africa & Amer) 1753,

Columnea (Mex, Caribbean Islands, Central & S Amer to Bolivia, Brazil) 1753 (na F Columna, Latinized form of F Colonna),

Cotyledon (s & eastern tropical Africa, sw Arabian Peninsula) 1753,

Crassula (RSA, Tropical Africa, Australia, S Amer) 1753,

Cucumis (Africa, Asia, Australia) 1753,

Cucurbita (Mex, US) 1753,

Cynanchum (Tropical Africa, RSA, Mada) 1753,

Dioscorea (RSA, Mex) 1753 (na P Dioscorides),

Dolichos (Africa) 1753,

Dorstenia (Tropical Africa, Mada, Greater Antilles, Central & S Amer, s Arabian Peninsula, Socotra, Sri Lanka, India) 1753 (na T Dorsten),

Dracaena (se Asia, Central Amer, West Indies, tropical Africa, Arabia, Socotra, Mada) 1767 (credit for name given to D Vandelli),

Erythrina (tropics & subtropics worldwide) 1753,

Euphorbia (Africa, Arabia, Morocco, Canary Islands, Mada, Ceylon, Amer) 1753 (disc by King Juba II & na his physician, Euphorbus),

Fevillea (Jamaica, Brazil) 1753 (na LE Feuillee),

Ficus (worldwide in tropical & subtropical areas) 1753,

Galenia (Angola, Namibia, Cape) 1753 (na C Galen),

Haemanthus (RSA, Namibia) 1753,

Heliophila (RSA) 1763,

Hyacinthus (Europe, se Asia, Africa, Mada) 1753,

Impatiens (Old World Tropics) 1753,

Ipomoea (tropics & subtropics worldwide) 1753,

Jatropha (tropics & subtropics of old & new world, mostly in Amer & Africa) 1753,

Lepidium (Australia) 1753,

Mesembryanthemum (Namibia, Cape, Atlantic Islands, Mediterranean region, Arabia, western US) 1753 [name originated from Jacob Breyne in 1689],

Momordica (eastern Africa) 1753,

Monsonia (Africa, Mada, sw Asia) 1767 (na A Monson),

Ornithogalum (Europe, western Asia, Africa) 1753,

Osteospermum (Africa) 1753,

Othonna (RSA, S Africa) 1753,

Oxalis (tropics & subtropics worldwide) 1753,

Phyllanthus (tropics & subtropics worldwide) 1753,

Phytolacca (S Amer) 1753,

Plumeria (Central Amer, Mex, Caribbean, n parts of S Amer) 1735 (credit for name given to JP de Tournefort & na C Plumier),

Portulaca (Worldwide) 1753,

Pteronia (Africa) 1763,

Rhodiola (Europe, Siberia, Asia, Amer) 1753,

Sedum (mostly in temperate & subtropical regions of Northern Hemisphere around world) 1753,

Sempervivum (Europe, USSR, Asia Minor, n Africa) 1753,

Senecio (worldwide except Antarctic) 1753,

Sesuvium (world tropics) 1759,

Stapelia (RSA, Namibia, Tanzania, Zambia, Angola, Mozambique, Botswana, Zimbabwe) 1753 (na

JB Stapelius),

Sterculia (world tropics]) 1753,

Tetragonia (southern hemisphere tropics) 1753,

Tradescantia (US to n Argentina) 1753 (na J Tradescant),

Trianthema (world wide around equator) 1753,

Viscum (tropics of Africa & Asia, RSA) 1753,

Yucca (sw US across Texas into s Rocky Mtns west to Pacific ocean up thru great plains to Canada & s into Mex & Central Amer)1753,

Zygophyllum (Canary Islands) 1753;

species **nah:**

(Melocactus) **caroli-linnaei** (Jamaica) (desc & nah by NP Taylor 1991 — C Linnaeus first named it *Cactus melocactus* in 1753),

desc *species*:

(Adansonia) **digitata** (Africa, Arabia, Mada) 1759 (disc by M Adanson 1749),

(Agave) **americana** (Texas into Mex) 1753 (disc by F Hernandez 1571–77),

(Agave) **foetida** (Greater & Lesser Antilles) 1753 —> **Furcraea foetida** by AH Haworth 1812,

(Agave) **virginica** (Texas to Atlantic Ocean) 1753 (disc by T Hariot 1588),

(Agave) **vivipara** (Mex, Central Amer) 1753,

(Aizoon) **canariense** (same distribution as for genus Aizoon) 1753,

(Aizoon) **hispanicum** (Spain, Italy, Morocco, Algeria, Tunesia, Libya, Egypt, Israel, Iraq, Iran, Syria, Armenia) 1753 —> **Aizoanthemum hispanicum** by HEK Hartmann 2001,

(Aizoon) **paniculatum** (Western Cape) 1753,

(Albuca) **spiralis** (Western Cape) 1782,

(Aloe) **disticha** (Western Cape) 1753 (disc by HB Oldenland 1689) —> **Gasteria disticha** by AH Haworth 1827,

(Aloe) **hyacinthoides** (se Africa) 1753 —> **Sansevieria hyacinthoides** by GC Druce 1913,

(Aloe) **retusa** (Western Cape) 1753 —> **Haworthia retusa** by HA Duval 1809,

(Aloe) **spiralis** (Eastern Cape, Western Cape) 1753 —> **Astroloba spiralis** by AJA Uitewaal 1947,

(Aloe) **variegata** (Cape, Free State, Namibia) 1753 (possibly disc by HB Oldenland 1680s),

(Aloe) **viscosa** (Western Cape, Eastern Cape) 1753 —> **Haworthia viscosa** by AH Haworth 1812,

(Anthericum) **alooides** (Western Cape) 1753—> **Bulbine alooides** by KL von Willdenow 1809,

(Anthericum) **annuum** (Western Cape) 1753—> **Bulbine annua** by KL von Willdenow 1809,

(Anthericum) **asphodeloides** (Western Cape) 1753—> **Bulbine asphodeloides** by KL von Willdenow 1809,

(Anthericum) **frutescens** (Cape) 1753 —> **Bulbine frutescens** by KL von Willdenow 1809,

(Asparagus) **draco** (Canary Islands, Madeira Islands, Cape Verde Islands) 1762 —> **Dracaena draco** by C Linnaeus 1767,

(Bryonia) **africana** (Namibia, RSA) 1753 —> **Kedrostis africana** by CA Cogniaux 1881,

(Cacalia) **anteuphorbium** (Morrocco) 1753 (according to R Dodonaeus brought to Europe 1570) —> **Senecio anteuphorbium** by CH Schultz-Bipontinus 1845,

(Cacalia) **ficoides** (Little Namaq) 1753 —> **Senecio ficoides** by CH Schultz-Bipontinus 1845,

(Cacalia) **kleinia** (Canary Islands) 1753 (na JT Klein) —> **Senecio kleinia** by CF Lessing 1831,

(Cactus) **cochenillifer** (West Indies, tropical Amer) 1753 —> **Nopalea cochenillifera** by JMF Salm-Dyck 1850,

(Cactus) **curassavicus** (Curacao, Bonaire & Aruba Islands in West Indies) 1753 —> **Opuntia curassavica** by P Miller 1768,

(Cactus) **ficus-indica** (Mex) 1753 —> **Opuntia ficus-indica** by P Miller 1768,

(Cactus) **flagelliformis** (Puebla, Hidalgo, Veracruz) 1753 —> **Disocactus flagelliformis** by WA Barthlott 1991,

(Cactus) **grandiflorus** (Caribbean Islands, Puerto Rico, Mex, Florida) 1753 —> **Selenicereus grandiflorus** by NL Britton & JN Rose 1909,

(Cactus) **hexagonus** (s West Indies, n S Amer) 1753 —> **Cereus hexagonus** by P Miller 1768,

(Cactus) **lanuginosus** (Netherland Antilles, Colombia, Ecuador, Peru, Venezuela) 1753 —> **Pilosocereus lanuginosus** by RS Byles & GD Rowley 1957,

(Cactus) **mammillaris** (Venezuela, s Caribbean Islands of Paos, Curacao & Margarita in West Indies) 1753 —> **Mamm mammillaris** by GKW Karsten 1882,

(Cactus) **moniliformis** (Cuba, Dominican Rep, Haiti, Mona Island of Puerto Rico) 1753 —> **Consolea moniliformis** by A Berger 1926,

(Cactus) **phyllanthus** (Brazil, Panama, Bolivia, Peru, Argentina, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Suriname, Venezuela) 1753 —> **Epiphyllum phyllanthus** by AH Haworth 1812,

(Cactus) **portulacifolius** (Haiti, Dominican Rep) 1753 —> **Pereskia portulacifolia** by AP de Candolle 1828,

(Cactus) **repandus** (Curaçao, Aruba & Bonaire Islands in West Indies) 1753 —> **Cereus repandus** by P Miller 1768,

(Cactus) **royenii** (West Indies, Yucatan) 1753 —> **Pilosocereus royenii** by RS Byles & GD Rowley 1957,

(Cactus) **triangularis** (Netherland Antilles, Cuba, Dominican Rep, Haiti, Jamaica, Puerto Rico, Virgin Islands, Lesser Antilles) 1753 —> **Hylocereus triangularis** by NL Britton & JN Rose 1909,

(Callisia) **repens** (Texas, West Indies to Argentina) 1762,

(Ceropegia) **candelabrum** (India, Sri Lanka) 1753,

(Cissus) **quadrangularis** (Tropical Africa, Mada, India, Sri Lanka, Burma, Malaysia to Philippines) 1767,

(Convolvulus) **cairicus** (tropical & subtropical Africa to Asia) 1759 —> **Ipomoea cairica** by R Sweet 1827,

(Cotyledon) **hemisphaerica** (Western Cape) 1753 —> **Adromischus hemisphaericus** by C Lemaire 1852,

(Cotyledon) **hispanica** (Spain, Portugal, Morocco, Tunisia, Algeria) 1753 —> **Pistorinia hispanica** by AP de Candolle 1828,

(Cotyledon) **laciniata** (Morocco, eastern, s & sw Africa, s India, Arabian Peninsula) 1753 —> **Kalanchoe laciniata** by AP de Candolle 1802,

(Cotyledon) **orbiculata** (RSA, Angola, Namibia) 1753 (disc by J Heurnius 1624),

(Cotyledon) **serrata** (Greece, Turkey) 1753 —> **Rosularia serrata** by A Berger 1930,

(Cotyledon) **spinosa** (Siberia, Mongolia, China) 1753 —> **Orostachys spinosa** by A Berger 1930,

(Cotyledon) **spuria** (Western Cape) 1762 —> **Cotyledon orbiculata** var **spuria** by HR Tolken 1979,

(Crassula) **ciliata** (Western Cape, Eastern Cape) 1753,

(Crassula) **coccinea** (Western Cape) 1753 (disc c1701),

(Crassula) **cultrata** (Western Cape, Eastern Cape to Natal) 1771,

(Crassula) **dichotoma** (Northern Cape, Western Cape) 1760 (disc by P Hermann 1687),

(Crassula) **flava** (Western Cape) 1767,

(Crassula) **muscosa** (Cape, Namibia) 1760,

(Crassula) **nudicaulis** (Cape, Natal, Lesotho, Free State) 1753,

(Crassula) **orbicularis** (Western Cape, Eastern Cape, Natal) 1753,

(Crassula) **pellucida** (Western Cape) 1753,

(Crassula) **perfoliata** (Eastern Cape) 1753,

(Crassula) **pruinosa** (Western Cape) 1767,

(Crassula) **scabra** (Western Cape) 1753,

(Crassula) **strigosa** (Western Cape, Northern Cape) 1760,

(Crassula) **subulata** (Western Cape, Eastern Cape) 1759,

(Crassula) **tetragona** (Cape) 1753,

(Crithmum) **maritimum** (Canary Islands, shores of Mediterranean area) 1753,

(Cucumis) **colocynthis** (tropical & subtropical Africa & Asia) 1753 —> **Citrullus colocynthis** by HA Schrader 1838,

(Dolichos) **erosus** (Mex, Central Amer) 1753 —> **Pachyrhizus erosus** by I Urban 1905,

(Dracaena) **draco** (Canary Islands, Madeira Islands, Cape Verde Islands, Morocco) 1767

(Euphorbia) **antiquorum** (India, Pakistan, Sri Lanka, Myanmar, Indochina, Thailand) 1753,

(Euphorbia) **canariensis** (Canary Islands) 1753,
(Euphorbia) **caput-medusae** (Western Cape) 1753 (disc ≈1700),
(Euphorbia) **cereiformis** 1753,
(Euphorbia) **dendroides** (Mediterranean Sea coastal areas) 1753,
(Euphorbia) **heptagona** (Western Cape) 1753 (disc ≈1720),
(Euphorbia) **mammillaris** (Western Cape) 1953,
(Euphorbia) **mauritanica** (Cape, Namibia, Natal) 1753 (believed to have originated in Mauritania JJ Dillenius spoke of the plant as *Tithymalus aphyllus mauritaniae* in 1732),
(Euphorbia) **neriifolia** (India) 1753,
(Euphorbia) **officinarum** (Morocco) 1753,
(Euphorbia) **tirucalli** (tropical Africa, Mada, India) 1753 (based on the name Tiru-Calli by natives of Malabar, India & first mentioned & pictured by Hendrik Adriaan van Rheede in his Hortus Malabaricus, 1679),
(Euphorbia) **tithymaloides** (Mex, Central Amer, n S Amer) 1753 —> **Pedilanthus tithymaloides** by PA Poiteau 1812,
(Euphorbia) **tuberosa** (Western Cape) 1753 (disc by P Hermann c1675),
(Euphorbia) **viminale** (Ethiopia, Kenya, Mada) 1753 —> **Sarcostemma viminale** by R Brown 1810,
(Galena) **africana** (Angola, Namibia, Cape) 1753,
(Geranium) **acetosum** (Eastern Cape) 1753 —> **Pelargonium acetosum** by CL L'Heritier 1789,
(Geranium) **carnosum** (Namibia, Cape) 1755 —> **Pelargonium carnosum** by CL L'Heritier 1789,
(Geranium) **cotyledonis** (St Helena Island) 1771 —> **Pelargonium cotyledonis** by CL L'Heritier 1789,
(Geranium) **fulgidum** (Northern Cape, Western Cape) 1953 —> **Pelargonium fulgidum** by CL L'Heritier 1789**,**
(Geranium) **gibbosum** (Western Cape) 1753 —> **Pelargonium gibbosum** by CL L'Heritier 1789,
(Geranium) **odoratissimum** (Western Cape, Eastern Cape) 1753 —> **Pelargonium odoratissimum** by CL L'Heritier 1789,
(Geranium) **peltatum** (Eastern Cape) 1753 —> **Pelargonium peltatum** by CL L'Heritier 1789,
(Geranium) **pinnatum** (Western Cape) 1753 —> **Pelargonium pinnatum** by CL L'Heritier 1789,
(Geranium) **rapaceum** (Cape) 1759 —> **Pelargonium rapaceum** by CL L'Heritier 1789,
(Geranium) **triste** (Northern Cape, Western Cape) 1753 —> **Pelargonium triste** by CL L'Heritier 1789,
(Heliophila) **coronopifolia** (Western Cape) 1763,
(Jatropha) **curcas** (Mex to Chile, West Indies) 1753,
(Jatropha) **gossypiifolia** (Mex to Paraguay) 1753,
(Jatropha) **multifida** (Mex to Paraguay) 1753,
(Medeola) **asparagoides** (Tropical Africa to Namibia & RSA) 1753 —> **Myrsiphyllum asparagoides** by KL von Willdenow 1808,
(Mesemb) **acinaciforme** (Western Cape) 1953 —> **Carpobrotus acinaciformis** by HML Bolus 1927,
(Mesemb) **albidum** (Western Cape) 1762 —> **Machairophyllum albidum** by MHG Schwantes 1927,
(Mesemb) **aureum** (RSA) 1759 —> **Lampranthus aureus** by NE Brown 1930,
(Mesemb) **barbatum** (Cape) 1753 —> **Trichodiadema barbatum** by MHG Schwantes 1926,
(Mesemb) **bellidiflorum** (Cape) 1753 —> **Acrodon bellidiflorus** by NE Brown 1927,
(Mesemb) **bicolor** (RSA) 1753 —> **Lampranthus bicolor** by NE Brown 1930,
(Mesemb) **calamiforme** (Eastern Cape) 1753 —> **Cylindrophyllum calamiforme** by MHG Schwantes 1927,
(Mesemb) **corniculatum** (Western Cape) 1762 —> **Cephalophyllum corniculatum** by MHG Schwantes 1928,
(Mesemb) **crassifolium** (Western Cape, Eastern Cape) 1753 —> **Disphyma crassifolium** by HML Bolus 1927,
(Mesemb) **crystallinum** (Angola, Australia, Canary Islands, Mauritania, Namibia, Cape, Calif) 1753,
(Mesemb) **deltoides** (Western Cape) 1753 —> **Oscularia deltoides** by MHG Schwantes 1927,
(Mesemb) **difforme** (Eastern Cape, Western Cape) 1753 —> **Glottiphyllum difforme** by NE Brown 1922,
(Mesemb) **dolabriforme** (Eastern Cape) 1753 —> **Rhombophyllum dolabriforme** by MHG Schwantes 1928,

(Mesemb) **edule** (Cape) 1759 (disc by P Hermann 1672) —> **Carpobrotus edulis** by NE Brown 1927,
(Mesemb) **emarginatum** (RSA) 1762 —> **Lampranthus emarginatus** by NE Brown 1930,
(Mesemb) **expansum** (Western Cape) 1759 —> **Sceletium expansum** by HML Bolus 1927,
(Mesemb) **falcatum** (RSA) 1753 —> **Lampranthus falcatus** by NE Brown 1930,
(Mesemb) **forficatum** (Western Cape) 1758) —> **Erepsia forficata** by MHG Schwantes 1928,
(Mesemb) **geniculiflorum** (Namibia, Cape) 1753 —> **Aptenia geniculiflora** by M Gerbaulet 2001,
(Mesemb) **glaucum** (RSA) 1753 —> **Lampranthus glaucus** by NE Brown 1930,
(Mesemb) **glomeratum** (Western Cape) 1759 —> **Lampranthus glomeratus** by NE Brown 1930,
(Mesemb) **hispidum** (RSA) 1753 —> **Drosanthemum hispidum** by MHG Schwantes 1927,
(Mesemb) **linguiforme** (Western Cape) 1753 —> **Glottiphyllum linguiforme** by NE Brown 1921,
(Mesemb) **loreum** (Western Cape) 1753 —> **Cephalophyllum loreum** by MHG Schwantes 1928,
(Mesemb) **micans** (RSA) 1753 —> **Drosanthemum micans** by MHG Schwantes 1927,
(Mesemb) **noctiflorum** (Namibia, Cape) 1753 —> **Aridaria noctiflora** by MHG Schwantes 1928,
(Mesemb) **nodiflorum** (Arabia, sw Australia, Canary Islands, s Europe, Iran, Namibia, n Africa, …… Northern Cape, Western Cape, Calif) 1753,
(Mesemb) **pomeridianum** (Western Cape) 1762 —> **Carpanthea pomeridiana** by NE Brown 1928,
(Mesemb) **pugioniforme** —> **Conicosia pugioniformis** by NE Brown 1926,
(Mesemb) **ringens** (Western Cape) 1753 —> **Carruanthus ringens** by BK Boom 1959,
(Mesemb) **rostratum** —> **Cheiridopsis rostrata** by NE Brown 1926,
(Mesemb) **scabrum** (Western Cape) 1753 —> **Lampranthus scaber** by NE Brown 1930,
(Mesemb) **serratum** —> **Circandra serrata** by NE Brown 1930,
(Mesemb) **spinosum** (Namibia, Cape) 1753 —> **Ruschia spinosa** by M Dehn 1993,
(Mesemb) **splendens** (Eastern Cape,Western Cape) 1753 —> **Phyllobolus splendens** by M Gerbaulet 1997,
(Mesemb) **spinosum** (Namibia, Cape)1753 —> **Ruschia spinosa** by M Dehn 1993,
(Mesemb) **stipulaceum** (RSA) 1753 —> **Lampranthus stipulaceus** by NE Brown 1930,
(Mesemb) **tenuifolium** (RSA) 1753 —> **Lampranthus tenuifolius** by NE Brown 1930,
(Mesemb) **tortuosum** (Cape) 1753 —> **Sceletium tortuosum** by NE Brown 1926,
(Mesemb) **tripolium** (Western Cape) 1753 —> **Skiatophytum tripolium** by HML Bolus 1927,
(Mesemb) **tuberosum** (Eastern Cape) 1753 —> **Mestoklema tuberosum** by HF Glen 1981,
(Mesemb) **umbellatum** (Western Cape) 1753 —> **Ruschia umbellata** by MHG Schwantes 1927,
(Mesemb) **uncinatum** (RSA) 1753 —> **Ruschia uncinata** by MHG Schwantes 1926,
(Mesemb) **verruculatum** (Western Cape) 1753 —> **Scopelogena verruculata** by HML Bolus 1962,
(Mesemb) **villosum** (RSA) 1762,
(Monsonia) **speciosa** (Western Cape) 1767,
(Othonna) **arborescens** (Western Cape) 1753,
(Othonna) **dentata** (Western Cape) 1753,
(Parietaria) **microphylla** (tropical Amer) 1759 —> **Pilea microphylla** by FM Liebmann 1851,
(Phytolacca) **dioica** (Brazil to Argentina & Ecuador) 1763,
(Piper) **rotundifolium** (West Indies, S Amer, RSA) 1753 —> **Peperomia rotundifolia** by CS Kunth 1816,
(Piper) **verticillatum** (West Indies) 1759 —> **Peperomia verticillata** by AG Dietrich 1831,
(Portulaca) **halimoides** (Mex, Caribbean, Venezuela, Colombia, Brazil, Peru, Ecuador) 1762,
(Portulaca) **oleracea** (worldwide) 1753,
(Portulaca) **pilosa** (tropics worldwide) 1753,
(Portulaca) **portulacastrum** (tropical regions world wide) 1753 —> **Sesuvium portulacastrum** by C Linnaeus 1759,
(Portulaca) **quadrifida** (tropical countries around world including Africa, Antilles, tropical Amer, islands of Pacific East to Gilbert, Samoa & Fiji, but not in Australia) 1767,
(Rhodiola) **rosea** (Europe, central Asia, Korea, Japan, N Amer, Labrador, Greenland) 1753,
(Sedum) **acre** (Europe, n Africa, Turkey) 1753,
(Sedum) **aizoon** (Siberia, Mongolia, China, Japan) 1753 —> **Phedimus aizoon** by H 't Hart 1995,
(Sedum) **album** (Europe) 1753,

(Sedum) **anacampseros** (Spain, France, Switzerland, Italy) 1753 —> **Hylotelephium anacampseros** by H Ohba 1977,

(Sedum) **annuum** (n Europe, Iceland, mtns of central & s Europe, Iran) 1753,

(Sedum) **atratam** (Europe) 1763,

(Sedum) **caeruleum** (western Mediterranean) 1771,

(Sedum) **cepaea** (Europe, Turkey, n Africa) 1753,

(Sedum) **dasyphyllum** (Europe) 1753,

(Sedum) **hispanicum** (Europe, Turkey, Iran, Lebanon) 1755,

(Sedum) **hybridum** (Siberia, central Asia) 1753 —> **Phedimus hybridus** by H 't Hart 1995,

(Sedum) **rubens** (Near East, Europe, n Africa) 1753,

(Sedum) **rupestre** (Sweden, Finland to s Europe) 1753,

(Sedum) **sexangulare** (Europe) 1753,

(Sedum) **stellatum** (France, Italy, Greece, Turkey) 1753 —> **Phedimus stellatus** by CS Rafinesque 1817,

(Sedum) **telephium** (Europe) 1753 (na mythical Telephus, son of Hercules) —> **Hylotelephium telephium** by H Ohba 1977,

(Sedum) **verticillatum** ((Siberia, Sakhalin, Kurile Islands, Kamtshatka in USSR), n China, Korea, Japan) 1753 —> **Hylotelephium verticillatum** by H Ohba 1977,

(Sedum) **villosum** (Europe, Iceland, Greenland, eastern Canada) 1753,

(Sempervivum) **arachnoideum** (Europe) 1753 (in cultivation by Duchess of Beaufort 1699),

(Sempervivum) **arboreum** (Gran Canaria of Canary Islands) 1753 —> **Aeonium arboreum** by PB Webb & S Berthelot 1840,

(Sempervivum) **canariense** (Tenerife of Canary Islands) 1753 —> **Aeonium canariense** by PB Webb & S Berthelot 1841,

(Sempervivum) **globiferum** (Europe) 1753,

(Sempervivum) **hirtum** (Austria) 1755 —> **Sempervivum globiferum** ssp **hirtum** by H ‘t Hart & B Bleij 1999,

(Sempervivum) **montanum** (Alps & other mtns of Europe) 1753,

(Sempervivum) **tectorum** (Alps & other mtns of Europe) 1753,

(Septas) **capensis** (Western Cape) 1760 —> **Crassula capensis** by HE Baillon 1874,

(Stapelia) **hirsuta** (Western Cape) 1753,

(Stapelia) **mammillaris** (Namibia, Northern Cape) 1771 (disc by P Hermann c1675) —> **Quaqua mammillaris** by PV Bruyns 1983,

(Stapelia) **pilifera** (Cape, Great Namaq) 1781 (disc by CP Thunberg c1773) —> **Trichocaulon piliferum** by NE Brown 1878,

(Stapelia) **variegata** (Western Cape) 1753 (disc by J Heurnius 1624 & first desc w pre-Linnaeus name, Fritillaria crassa, by JB Stapelius 1644) —> **Orbea variegata** by AH Haworth 1812,

(Tetragonia) **fruticosa** (Northern Cape, Eastern Cape) 1753,

(Tetragonia) **herbacea** (Western Cape) 1753,

(Tillaea) **aquatica** (Europe, n Asia, Alaska to Calif) 1753 —> **Crassula aquatica** by S Schonland 1891,

(Trianthema) **decandra** (India, Sri Lanka) 1767 —> **Zaleya decandra** by NL Burman 1768,

(Trianthema) **pendandra** (Senegal to Socotra, & s to Mozambique, Reunion) 1767 —> **Zaleya pendandra** by C Jeffrey 1960,

(Trianthema) **portulacastra** (tropics worldwide) 1753,

(Yucca) **aloifolia** (Veracruz, Yucatan) 1753,

(Yucca) **filamentosa** (New Jersey, Maryland, Virginia, West Virginia, N & S Carolina, Tennessee, Georgia, Alabama, Mississippi, Florida, Louisiana) 1753,

(Yucca) **gloriosa** (N & S Carolina, Georgia) 1753 (disc by T Hariot 1588);

desc *variety*:

(Aloe disticha var) **plicatilis** (Western Cape) 1753 (grown by HB Oldenland 1690s) —> **Aloe plicatilis** by P Miller 1768,

(Aloe hyacinthoides var) **zeylanica** (Sri Lanka) 1753 —> **Sansevieria zeylanica** by KL von Willdenow 1799,
(Aloe perfoliata var) **humilis** (Western Cape, Eastern Cape) 1753 (grown by HB Oldenland 1690s) —> **Aloe humilis** by P Miller 1771,
(Aloe perfoliata var) **vera** (Arabia, Mediterranean areas, India) 1753 —> **Aloe vera** by NL Burman 1768,
(Aloe pumila var) **arachnoidea** (Western Cape) 1753 (grown in HB Oldenland's garden 1690s) —> **Haworthia arachnoidea** by HA Duval 1809,
(Euphorbia tithymaloides var) **padifolia** (Lesser Antilles) 1753 —> **Pedilanthus tithymaloides** ssp **padifolius** by RL Dressler 1957,
(Geranium prolificum var) **auritum** (Eastern Cape, Western Cape) 1763 —> **Pelargonium auritum** by KL von Willdenow 1800,
(Sedum telephium var) **maximum** (Europe, western Asia) 1753 —> **Hylotelephium telephium** ssp **maximum** by H Ohba 1977.

†**Linne**, [Linné,] (Prof) (Dr med) Carl von (20 Jan 1741–1 Nov 1783); {L.*f.*, L.*fil*. or Linné *fil*.}; Swedish botanist & bot illustrator; son of C Linnaeus; MD at Uppsala Univ 1765; prof of natural history at Univ of Uppsala 1778~ after father's death; not noteworthy as a botanist;
Book [1781] *Supplementum Plantarum Systematis Vegetabilium Editionis Decimae Tertiae, Generum Plantarum Editionis Sextae, et Specierum Plantarum Editionis Secunda* Braunschweig; Latin; 467p;
desc *genus*:
Hydrophylax (Iniad, Sri Lanka) 1782,
Nolana (Peru, Chile, Galapagos Islands) 1762;
desc *species*:
(Aizoon) **fruticosum** (Namibia to Western Cape) 1781 —> **Galenia fruticosa** by OW Sonder 1862,
(Aizoon) **glinoides** (Eastern Cape) 1781,
(Aizoon) **rigidum** (Cape) 1781,
(Aizoon) **sarmentosum** (Namaq, Cape) 1781,
(Aizoon) **secundum** (Cape, Namibia) 1781 —> **Galenia secumda** by OW Sonder 1862,
(Aloe) **spicata** (Mozambique, Swaziland, Zimbabwe, Natal, Mpumalanga) 1782,
(Amaryllis) **disticha** (RSA) 1782 —> **Boophane disticha** by W Herbert 1821,
(Anthericum) **ciliatum** (Western Cape, Eastern Cape) 1781 —> **Trachyandra ciliata** by CS Kunth 1843,
(Anthericum) **latifolium** (RSA) 1781 —> **Bulbine latifolia** by JJ Roemer & JA Schultes 1829,
(Bryonia) **scabra** (Tropical Africa, Arabia, India, Java, Philippines) 1781 —> **Zehneria scabra** by OW Sonder 1862;
(Cacalia) **acaulis** (Cape) 1781 —> **Senecio acaulis** by CH Schulz-Bipontinus 1845,
(Cacalia) **articulata** (Cape) 1782 —> **Senecio articulatus** by CH Schulz-Bipontinus 1845,
(Cacalia) **radicans** (Namibia, RSA) 1781 —> **Senecio radicans** by CH Schulz-Bipontinus 1845,
(Convolvulus) **oenotheroides** (Free State, Natal , Northern Cape, Eastern Cape, Namibia) 1782 —> **Turbina oenotheroides** by ADJ Meeuse 1957,
(Cotyledon) **cacalioides** (Western Cape) 1782 (disc by CP Thunberg) —> **Tylecodon cacalioides** by HR Tolken 1978,
(Cotyledon) **mammillaris** (Western Cape) 1782 —> **Adromischus mammillaris** by AC Lemaire 1852,
(Cotyledon) **paniculatus** (Namibia, Northern Cape) 1782 —> **Tylecodon cacalioides** by HR Tolken 1978,
(Cotyledon) **papillaris** (Cape) 1782 (disc by KP Thunberg),
(Cotyledon) **reticulatus** (Namibia, Cape) 1782 (disc by CP Thunberg) —> **Tylecodon cacalioides** by HR Tolken 1978,
(Cotyledon) **triflora** (Western Cape) 1782 —> **Adromischus triflorus** by A Berger 1930,
(Echites) **bispinosum** (Eastern Cape) 1781 (disc by CP Thunberg 1772–75) —> **Pachypodium bispinosum** by AP de Candolle 1844,
(Echites) **succulenta** (Western Cape, Northern Cape, Free State) 1781 (disc by CP Thunberg 1772–75) —> **Pachypodium succulentum** by R Sweet 1830,

(Galenia) **procumbens** (Cape) 1781,
(Geranium) **abrotanifolium** (Cape, Free State) 1781 —> **Pelargonium abrotanifolium** by NJ von Jacquin 1800,
(Geranium) **appendiculatum** (Western Cape) 1781 —> **Pelargonium appendiculatum** by KL von Willdenow 1800,
(Geranium) **stipulaceum** (Northern Cape, Western Cape) 1781 —> **Pelargonium stipulaceum** by KL von Willdenow 1800,
(Geranium) **tetragonum** (Western Cape, Eastern Cape) 1781 —> **Pelargonium tetragonum** by CL L'Heritier 1789,
(Hydrophylax) **maritima** (India, Sri Lanka) 1781,
(Mesemb) **apetalum** (Western Cape) 1781 —> **Dorotheanthus apetalus** by NE Brown 1928,
(Mesemb) **cordifolium** (RSA) 1781 —> **Aptenia cordifolia** by MHG Schwantes 1928,
(Mesemb) **pinnatifidum** (Cape) 1781 —> **Aethephyllum pinnatifidum** by NE Brown 1928,
(Ocymum) **verticillatum** (se Africa) 1781 —> **Plectranthus verticillatus** by GC Druce 1917,
(Othonna) **cacalioides** (Cape, Namibia) 1781,
(Othonna) **pinnata** (Western Cape) 1781,
(Polymnia) **carnosa** (Namibia, Northern Cape, Western Cape) 1782 —> **Didelta carnosa** by W Aiton 1789,
(Stapelia) **incarnata** (Northern Cape, Namibia) 1782 (disc by CP Thunberg) —> **Quaqua incarnata** by PV Bruyns 1983,
(Stapelia) **pilifera** (Western Cape, Eastern Cape) 1781 —> **Hoodia pilifera** by DCH Plowes 1992,
(Tetragonia) **hirsuta** (Western Cape) 1781,
(Tetragonia) **spicata** (Namibia, Northern Cape, Eastern Cape) 1781,
(Tradescantia) **speciosa** (s Africa) 1782 —> **Cyanotis speciosa** by JK Hasskarl 1870.

Linzen, Thomas;
Book [1985–88] *Lieferungswerk Die Mammillariae* [w B Hofmann & W Berthold] Potsdam, Ger; Ger; (in 4 Parts);
[1985] Part 1; 36p w 16 color plates;
[1986] Part 2; 48p w 16 color plates;
[1986] Part 3; 36p;
[1988] Part 4; 60p.

†**Liogier**, (Dr) Henri Alain (31 Jan 1916–9 Nov 2009); {Alain}; French botanist and taxonomist; to Dominican Rep to US; PhD in Natural Science at Natl Univ, Havana, Cubs 1945; dir of Jardin Botanico Nacional, Dominican Rep & of Botanical Garden at Univ of Puerto Rico; research associate of Bot Research Institute of Texas, Fort Worth 1996~; collected in Puerto Rico, US, Dominican Rep, Cuba & Haiti; spouse Perpha Liogier;
Book [1997] *Descriptive Flora of Puerto Rico & Adjacentd Islands* San Juan, Puerto Rico; Eng; 439p; (Vol 5, Acantaceae to Compositae);
desc *species*:
(Pereskia) **quisqueyana** (Dominican Rep) 1980 (disc by him 1977).

†**Liou**, Tchen-ngo (1898–1975); {Liou}; Chinese botanist; dir of Nat'l Academy of Peking (Beijing) 1930; explored in various provinces in China; specialized in Rosaceae family;
***subsp* nah:**
(Orostachys malacophylla ssp) **lioutchenngoi** (Inner Mongolia) (desc & nah by H Ohba 1990).

†**Lippold**, (Mrs) Louise (24 Aug 1918–26 Nov 2004); Connecticut, US succ enthusiast; curator of succ at Planting Fields Arboretum, Oyster Bay, Long Island, NY; IOS member 1978 & honorary member 1994;

Book [c1973] *How to Grow C&OS* Oyster Bay, NY; Eng; 9p; (illustrations by RG Titus).

Lira Saade, (Dr) Rafael (1955–); {Lira}; Mex plant systematist, ethnobotanist & phytogeography; PhD in sciences at UNAM; collected in Mex;
desc *species*:
(Ibervillea) **maxima** [w DM Kearns] (Mex) 1990;
(Parasicyos) **dieterlea** [w R Torres Colin] (Oaxaca) 1991 (na JvA Dieterle).

Lisal, Kamil (fl. 1986); {Lisal}; Czech Rep;
desc *species*:
(Notocactus) **arnostianus** [w J Kilarik] (Rio Grande do Sul) 1986 (na Arnost Janousek) —> **Parodia arnostiana** by A Hofacker 1998.

Littlejohn, RO, Jr;
Book [1983] *Environmental Regulation of Photosynthesis & Characterization of Phase II (Crassulacean Acid Metabolism in Three Opuntia Species)*; 181p.

Littlewood, Lillian; explored w spouse RC Littlewood;
***species* nah:**
(Conophytum) **lilianum** (Cape) (desc & nah by RC Littlewood 1966 & disc by RC Littlewood 1959) —> **Conophytum pellucidum** var **lilianum** by SA Hammer 1993.

†**Littlewood**, Roy [Ray] Charles (12 Jun 1924–22 Oct 1967); {Littlew.}; Eng horticulturist to RSA 1957; head gardener at Farleigh Manor & Chilham Castle in Eng 1949–57; worked at Karoo Garden, Worcester, RSA 1957~; collected Conophytums & other succ in Namaq; wrote journal articles in RSA; spouse L Littlewood;
***species* nah:**
(Cheiridopsis) **littlewoodii** (RSA) (desc & nah by HML Bolus 1961),
(Lampranthus) **littlewoodii** (Little Namaq) (desc & nah by HML Bolus 1961),
(Leipoldtia) **littlewoodii** (Namaq) (desc & nah by HML Bolus 1962) —> **Leipoldtia weigangiana** ssp **littlewoodii** by HEK Hartmann & S Rust 1995,
(Ruschia) **littlewoodii** (Western Cape) (desc & nah by HML Bolus 1960),
(Trichodiadema) **littlewoodii** (Namibia) (desc & nah by HML Bolus 1962);
disc *species*:
(Conophytum) **devium** (Namaq) 1961 (desc by GD Rowley 1978),
(Conophytum) **lilianum** (Cape) 1966 (desc by him 1959 & na Lillian Littlewood) —> **Conophytum pellucidum** var **lilianum** by SA Hammer 1993,
(Conophytum) **littlewoodii** (Namibia) 1959 (desc & nah by HML Bolus 1961) —> **Conophytum marginatum** ssp **littlewoodii** by SA Hammer 2002,
(Conophytum) **sulcatum** (Namaq) 1961 (desc by HML Bolus 1963) —> **Conophytum ectypum** ssp **sulcatum** by SA Hammer 1993,
(Dactylopsis) **littlewoodii** (RSA) 1960 (desc & nah by HML Bolus 1963) —> **Phyllobolus digitatus** ssp **littlewoodii** by M Gerbaulet 1997.

†**Litvinov**, [Litwinow,] **Dmitry** [Dimitri, Dimitrij] Ivanovich [Ivanovitsch] (29 Dec 1854–5 Jul 1929); {Litv.}; Russian botanist; explored & collected in central Asia;
disc *species*:
(Rhodiola) **litwinowii** (China, Mongolia, Uzbekistan) (desc & nah by AG Borissova 1939).

Liu, (Dr) Ho-Yih (3 Dec 1952–); {H.Y.Liu}; Taiwanese botanist; PhD w thesis on genus Aeonium at Ohio State Univ, Ohio, US 1986; botanist at Natl Museum of Natural Science, Taichung, Taiwan;
Book [1986] *A Monograph of the Genus Aeonium*; 243p; (PhD thesis?),
[1989] *Systematics of Aeonium (Crassulaceae)*; Eng/Chinese; 102p; (based in part on his PhD thesis);
desc *species*:
(Aeonium) **davidbramwellii** (Canary Islands) 1989 (na David Bramwell),
(Aeonium) **korneliuslemsii** (Morocco) 1989 (na Kornelius Lems),
(Aeonium) **stuessyi** (Ethiopia, Kenya, Tanzania) 1989 (na TF Stuessy);
desc *variety*:
(Aeonium arboreum var) **holochrysum** (Canary Islands) 1989;
transfer *species*:
"Aeonium palmense" (KHH Christ 1888) —> **Aeonium canariense** var **palmense** 1989,
"Aeonium rubrolineatum" (ER Sventenius 1950) —> **Aeonium arboretum** var **rubrolineatum** 1989,
"Aeonium subplanum" (RL Praeger 1928) —> **Aeonium canariense** var **subplanum** 1989,
"Aeonium virgineum" (KHH Christ 1888) —> **Aeonium canariense** var **virgineum** 1989,
“Aeonium viscatum” (CA Bolle 1859) —> **Aeonium lindleyi** var **viscatum** 1989.

†**Livingston**, (Prof) (Dr) Burton Edward (9 Feb 1875–8 Feb 1948); US plant physiologist; PhD at Univ of Chicago 1901; prof of plant physiology at John Hopkins Univ 1913~;
Book [1906] *The Relation of Desert Plants to Soil Moisture & to Evaporation* DC; Eng; 78p.

Livingston, CW; US biologist; works at dept of veterinary microbiology at Texas A&M Univ, College Station;
Book [1981] *Assessment of the Prickly Pear Problem on Texas Rangelands* [w RE Whitson, DN Ueckert, FE Gilstrap & GK Lundgren] College Station, Texas; 22p.

†**Lloyd**, (Prof) Francis Ernest (4 Oct 1868–10 Oct 1947); {F.E.Lloyd};
British cytologist & botanist; MA at Princeton Univ 1895; worked in Canada & US;
interested in rubber & carnivorous plants; studied the origin & nature of mucilage in cacti;
contributed to NL Britton & JN Rose study of cacti; collected in Mex; spouse Mary Elizabeth [née Hart] Lloyd;
***genus* nah:**
Neolloydia (Mex, Texas, New Mex, Cuba) (desc & nah by NL Britton & JN Rose 1922);
disc *species*:
(Escobaria) **lloydii** (Zacatecas) 1908 (desc & nah by NL Britton & JN Rose 1923),
(Neomammillaria) **lloydii** (Zacatecas) 1908 (desc & nah by NL Britton & JN Rose 1923) —> **Mamm lloydii** by CR Orcutt 1926,
(Opuntia) **vilis** (Zacatecas, Coahuila, Durango, San Luis Potosi) 1907 (desc by JN Rose 1909) —> **Corynopuntia vilis** by FM Knuth 1936,
(Opuntia) **vilis** (Zacatecas, Durango, Coahuila, San Luis Potosi) 1907 (desc by JN Rose 1909) —> **Corynopuntia vilis** by FM Knuth 1936,
(Thelocactus) **lloydii** (Zacatecas, San Luis Potosi) 1908 (desc & nah by NL Britton & JN Rose 1923) —> **Thelocactus hexaedrophorus** ssp **lloydii** by NP Taylor 1998.

†**Lloyd Brothers**; Cincinnati, Ohio;
Book [1923] *A Treatise on Cactus grandiflorus & Allied Species used in Medicine* Cincinnati; Eng; 16p.

†**Lobel**, [L’Obel, Lobelius,] (Dr med) Matthias [**Mathias**, Matthaeus] de (1538–3 Mar 1616); {Lobel}; Belgium herbalist, botanist & physician; student of Guillaum Rondelet (1507–1556) at Montpellier Univ, France 1565 & worked there 1565–66, in Eng 1566–72, in Netherlands 1572–84 & in Eng 1584~; personal physician to Wm the Silent (or Dutchman 'Wm of Orange' (1533–1584));

visited H Morgan bot garden in Eng 1569 [w P Pena]; physician & appointed 'Botanicus Regius' to King James I of Eng 1607;
Book [1570–71] *Stirpium Adversaria Nova* (*New Compendium of Plants*) [w P Pena] (contained first woodcut of a Melocactus & night blooming Cereus peruvianus) Eng; 458p; (possibly first book written in Eng to include succ).

Lobko, VD; Belarus horticulturist;
Book [1984] *Vashi "Zelenye Ezhiki"* = "Your Green Hedgehogs"; Russian; 71p,
[1989] *Zeleni Jezci* = "The Green Hedgehogs" [w S Peleska & A Kolektiv] Prague, Czech Rep; Czech; 253p.

Lock, George Winslow;
Book [1969] *Sisal—Thirty Years Sisal Research in Tanzania* London; Eng; 265p.

†**Lockwood-Hill**, S; RSA; magistrate in Laingsburg, Western Cape;
***species* nah:**
(Haworthia) **lockwoodii** (Western Cape) (desc & nah by EEA Archibald 1940).

†**Loddiges**, Joachim **Conrad** (1738–13 Mar 1826); {Lodd.}; Ger to Eng 1757; gardener & horticulturist; gardener for JB Silvester in Hackney, Eng 1757–1771; owner of largest nursery w sons George (1786–1846) & William in Eng 1771~; spouse Sarah [née Aldous] Loddiges (1740–3 Dec 1815);
Book [1817–33] *The Botanical Cabinet* London, Eng (w sons George & William); (in 20 Vols w 10 fascicles of 100 colored delineation of plants in each Vol, including succ, w many drawings by son George, his daughter Jane & Edward Cooke),
Q[1823] *Catalogue of Plants in the Collection of Conrad Loddiges & Sons* Hackney; 48p; includes succ.

Lode, [Lodé,] Joël (3 Oct 1952–); French ecologist, horticulturist & nurseryman; to Tenerife, Canary Islands 1994–2001; to Spain 2001~; cycled through Africa & S Amer exploring for succ; publishes sets of color photo cards *Fichier Encyclopédique des Cactées et Autres Succulentes* 1989–2001; founder, editor & publisher of quarterly cactus magazine *Cactus Adventures* in French 1992–95 & *International Cactus Adventures* in Eng/French 1996~; spouse Rina Lodé;
DVD [2009] *Cactaceae & Succulentae Encyclopaedia*; 22,300 photos; includes Bromeliacee, Palmae, Exoticae & Orchidae families,
Book [2010] *Succulent Plants of the Canary Islands*; French/Eng/Spanish; 368p w many color photos,
[2010] *Succulent Plants of Socotra*; French, Eng, Spanish; 58p; many color photos every page,
[2015] *Taxonomy of the Cactaceae*; 2 vols; 1,300p w 700 photos;
disc *species*:
(Aloe) **porphyrostachys** [(Saudi Arabia) 1985 (desc by JJ Lavranos & IS Collenette 2000).

Lodi, Guiseppe;
Book [1979] *Le Mie Plante Grasse* Bologna, Italy; Italian; 247p.

Loefgren, - See A Lofgren.

†**Loefling**, [Löfling,] Pehr [Petrus Erici] (20 Jan 1729–22 Feb 1756); {Loefl.}; Swedish botanist; studied at Univ of Uppsala, Sweden as a student of C Linnaeus; to Spain 1751; explored in Venezuela 1754~;
desc *genus*:
Callisia (US, Mex, tropical Amer) 1758.

†**Loesch**, [Lösch,] Alfred (1865–Nov 1946); {Loesch or Lösch}; Ger; specialized in Mesembs; frequent co-author with A Tischer; authority on ferns;
***species* nah:**

(Conophytum) **loeschianum** (Namibia) (desc & nah by A Tischer 1931 & disc by H Erni),
(Schwantesia) **loeschiana** (Great Namaq) (desc & nah by A Tischer 1936);
desc *species*:
(Conophytum) **ernianum** [w A Tischer] (Great Namaq) 1933 (disc by FS Erni c1928 & nah)
—> **Conophytum taylorianum** ssp **ernianum** by SA Hammer 1993,
(Conophytum) **ricardianum** [w A Tischer] (Namibia) 1931 (disc by H Erni c1928 & na Richard Grassner).

†**Loesener**, (Prof) (Dr) Ludwig Eduard **Theodor** (23 Nov 1865–2 Jun 1941); {Loes.}; Ger botanist; PhD at Berlin Univ 1890; prof at bot museum, Berlin-Dahlem, Ger 1896–1920; friend of FRR Schlechter;
***species* nah:**
(Huernia) **loeseneriana** (North-West, Gauteng, Free State) (desc & nah by H Schlechter 1895).

†**Lofgren**, [Löfgren, Loefgren,] (Prof) (Dr) Johan **Alberto** [Albert] Constantin (11 Sep 1854–30 Aug 1918); {Loefgr.}; Swedish botanist to Brazil 1874; dir of bot gardens at Sao Paolo, Brazil 1898–1906; prof of botany at bot gardens, Rio de Janeiro, Brazil 1906~; studied genus *Rhipsalis*;
Book [1915–22] *Jardin Botanico, Rhipsalis, Schlumbergeras, etc*;
[1915] Vol 1;
[1918] Vol 2;
[1922] Vol 3,
[1915] *O Genero Rhipsalis*; Rio de Janeiro; Portuguese; 48p + 25 plates,
[1984] *About the Genera Schlumbergera & Zygocactus* Bristol, Eng; Eng; 14p; (translated from 1918 Portuguese *Novas Contribucoes Para as Cactaceas Brasilieras. Sobre as Zygocactus e Schlumbergena* by Adda Abendroth);
desc *species*:
(Epiphyllum) **opuntioides** [w PKH Dusen] (Rio de Janeiro) 1905 (disc by PKH Dusen 1902)
—> **Schlumbergera opuntiodes** by DR Hunt 1969.
(Rhipsalis) **campos-portoana** (Brazil) 1918 (disc by JN Rose & P de Campos-Porto 1915 & na P de Campos-Porto),
(Rhipsalis) **oblonga** (Brazil) 1918 (disc by him & JN Rose 1915),
(Rhipsalis) **pacheco-leonis** (Rio de Janeiro) 1918 (disc by P de Campos-Porto & JN Rose 1915 & na A Pacheco Leao),
(Rhipsalis) **pilocarpa** (Brazil) 1903,
(Rhipsalis) **pulchra** (Brazil) 1915 (disc by OA Derby.

Loflin, Brian & Shirley; US independent writers & photographers in Austin, Texas;
Book [2009] *Texas Cacti* College Station, Texas; Eng; 291p w many color photos.

†**Logan**, James D;
***species* nah:**
(Aloinopsis) **loganii** (Western Cape) (desc & nah by HML Bolus 1933 & disc by JD Logan 1933),
(Ruschia) **loganii** (Western Cape) (desc & nah by HML Bolus 1937) —> **Antimima loganii** by HEK Hartmann 1998,
(Stomatium) **loganii** (Western Cape) (desc & nah by HML Bolus 1936).

Logan, Wm Bryant; US arborist; writes on horticulture & landscape for *House & Garden* & the *New York Times*;
Book [1988] *The Gardener's Book of Sources*; Eng; 271p; (w section on c&s).

Lombardi, (Dr med) Guido; Peruvian physician, anthropologist, paleopathologist; MD at Cayetano Heredia Univ, Peru 1992; MA in anthropology at Tulane Univ, New Orleans, Louisiana 1999; associate researcher at Cátedra Pedro Weiss, Universidad Peruana Cayetano Heredia, Peru;
***species* nah:**
(Peperomia dolabriformis var) **lombardii** (Cajamarca) (desc & nah by G Pino 2008 & disc by G Pino 2007).

Lombardi, Julio Antonio (1961–); {Lombardi}; Brazilian botanist; prof of Departamento de Botânica at Instituto de Ciências, Universidade Federal de Minas Gerais, Brazil;
desc *species*:
(Cissus) **bahiensis** (Bahia) 1996,
(Cissus) **decidua** (Brazil) 1996.

Lomeli, [Lomeli Gonzalez,] [Lomelí Gonzalez,] Irma Rosalina (1961–); {Lomelí};
desc *species*:
(Euphorbia) **mcvaughii** [w S Carvajal Hernandez] (Jalisco) 1981.

Lomeli Sencion, José Aquileo; {J.A.Lomeli}; Mex botanist; prof at Jardín Botánico y Herbario, Facultad de Ciencias Químicas y Biológicas, Universidad Autónoma de Guadalajara, Jalisco; collected in Mex;
desc *species*:
(Pedilanthus) **diazlunanus** [w E Sahagun] (Jalisco) 1993 (na CL Diaz Luna).

Long, Andrea; at Universidad Nacional del Sur, Buenos Aires, Argentina;
desc *species*:
(Opuntia) **ventanensis** (Buenos Aires) 2012 (disc by her 2010).

† **Long**, Frank Reginald (20 Oct 1884–5 Dec 1961); British horticulturist trained at Kew 1905–08; worked in rubber industry in Malaysia; to RSA 1920; superintendent at Port Elizabeth Parks Dept, Eastern Cape 1921~; succ collector in eastern & central Cape;
***species* nah:**
(Gasteria) **longiana** (Cape) (desc & nah by JKL von Poellnitz 1938),
(Haworthia) **longiana** (Eastern Cape) (desc & nah by JKL Poellnitz 1937);
disc *species*:
(Bergeranthus) **addoensis** (Cape) 1937 (desc by HML Bolus 1938),
(Huernia) **longii** (Eastern Cape) 1939 (desc & nah by NS Pillans 1939),
(Stapelia) **longii** (Eastern Cape) 1934 (desc & nah by CA Luckhoff 1935) —> **Tromotriche longii** by PV Bruyns 1995.

Lonsdale, John; British; participated in expedition w members of Kew to Argentina 1978 w R Kiesling as guide;
disc *species*:
(Gymnocalycium) **mesopotamicum** [w DC Cutler] (Argentina) 1978 (desc by R Kiesling 1980).

†**Looser**, [Looser Schallemberg,] Gualterio (4 Sep 1898–22 Jul 1982); {Looser}; Chilean botanist; prof at Museo Nacional de Historia Natural, Santiago, Chile 1927–72;
Book [1929] *Catalogus Cactacearum Chilensium* Valparaiso, Chile; 31p.
transfer *species*:
"Echinocactus taltalensis" (E Werdermann 1929) —> **Copiapoa taltalensis** 1929.

Lopez, Angeles Graciela [Kiesling] — see **Kiesling**, Angeles Graciela.

Lopez Chavez, [López Chávez,] Lilián G (fl. 1998); {LG Lopez};
Book [2003] *Las Crasuláceas de Mex* [w J Meyran-Garcia] Azcapotzalco, Mex; Spanish; 286p w 52 plates;
desc *species*:
(Thompsonella) **mixtecana** [w J Reyes] (Oaxaca) 1998 (disc by J Reyes 1997).

†**Lorentz**, (Prof) (Dr) Paul [Pablo] Gunther (30 Aug 1835–6 Oct 1881); Ger botanist;
PhD at Univ of Munich 1860; to Córdoba, Argentina 1869; prof of botany at
Natl Academy of Sciences of Cordoba 1869–74 & at
Natl College of Concepcion del Uruguay 1875~; collected in Argentina, Uruguay & Bolivia;
***species* nah:**
(Rhipsalis) **lorentziana** (Argentina, Bolivia) (desc & nah by AHR Grisebach 1879) —> **Lepismium lorentzianum** by WA Barthlott 1987;
disc *species*:
(Pereskia) **sacharosa** [w GHE Hieronymus] (Argentina, Bolivia, Paraguay, Brazil) 1873 (desc by AHR Grisebach 1879),
(Rhipsalis) **monacantha** [w GHE Hieronymus] (Argentina, Bolivia) 1873 (desc by AHR Grisebach 1879) —> **Pfeiffera monacantha** by PV Heath 1994.

†**Lort-Phillips**, [née Gunnis,] Louisa Jane Forbes (1857–1946); Norway; interested in botany & grew Stapeliads; member of expedition to British Somaliland w E Cole 1895;
spouse Ethelbert Edward Lort-Phillips (23 Feb 1857–15 Oct 1943), an architect;
disc *species*:
(Euphorbia) **phillipsiae** (Somalia) 1895 (desc & nah by NE Brown 1903),
(Huernia) **somalica** (Somalia, Ethiopia) 1895 (desc by NE Brown 1898),
(Lortia) **erubescens** (Somalia, Ethiopia) 1895 (desc by AB Rendle 1898) —> **Monadenium erubescens** by NE Brown 1911,
(Sansevieria) **phillipsiae** (Ethiopia, Somalia) 1895 (desc & nah by NE Brown 1913).

Losch, [Lösch,] A — See **Loesch**, Alfred.

†**Lossow**, (Dr med) Otto von (1888–1947); Ger physician & alpinist; to Namibia; friend of H Herre;
***species* nah:**
(Jensenobotrya) **lossowiana** (Namibia) (desc & nah by AGJ Herre 1951 & disc by Mrs von Budwitz c1948).

Lot Helgueras, Antonio (1945–); Mex; researcher at UNAM, Mex;
Book [1994] *Premier Simposio Internacional Sobre Agavaceas* Mex City; 51p.

†**Lotsy**, (Dr) Johannes [**Jan**] Paulus (11 Apr 1867–17 Nov 1931); {Lotsy}; Dutch botanist;
PhD at Gottingen 1890; lecturer at Johns Hopkins Univ 1895; to Java 1895–1900;
dir at Rijksherbarium, Leiden 1906–09; studied hybridization in natural populations of Cotyledon & Euphorbia in RSA 1926–27 w WA Goddijn;
desc *species*:
(Euphorbia) **bothae** [w WA Goddijn] (Eastern Cape) 1928.

Lott, [later Lott-Atkinson,] Emily Jane (25 Aug 1947–); {E.J.Lott}; US botanist; explored in Mex;
spouse Thomas H Atkinson;
desc *species*:

(Dieterlea) **fusiformis** (Mex) 1986 —> **Ibervillea fusiformis** by DM Kearns 1994,
(Jatropha) **martinezii** [w B Dehgan] (Michoacan) 1992,
(Manfreda) **chamelensis** [w SE Verhoek-Williams] (Jalisco) 1991 —> **Agave chamelensis** by J Thiede & U Eggli 1999.

†**Loudon**, [née Webb,] Jane (19 Aug 1807–13 Jul 1858); British botanical artist & horticultural writer & illustrator; founder & editor of *Ladies Magazine of Gardening* 1842; spouse JC Loudon;
Book [1840] *The Ladies' Flower Garden of Ornamental Annuals* London, Eng; 272p w 48 leaves of plates; includes Mesemb.

†**Loudon**, **John** Claudius (8 Apr 1783–14 Dec 1843); {Louden}; Scottish landscape gardener, botanist & horticultural journalist; writer at Bayswater, near London; FLS 1806;
editor of *The Gardener's Magazine* 1826~; spouse J Loudon;
Book [1829] *Encyclopedia of Plants* London, Eng; Eng; 1,159p; (editor of),
[1830–39] *Hortus Britannicus; A Catalogue of all the Plants Indigenous, Cultivated in, or Introduced to Britain* London; Eng;
[1830] First part; 576p;
[1832] Second part; 26p;
[1839] Third part; 141p;

transfer *species*:
"Seymouria asarifolia" (R Sweet 1824) —> **Pelargonium asarifolium** 1829.

Loup, Caroline;
Book [1983] *Premieres Données sur l'Architecture des Cactacées* Montpellier, France; French; 41p.

†**Loureiro**, **João** [Juan, Joannes, Jean] de (8 Sep 1710–18 Oct 1791); {Lour.}; Portuguese priest, missionary, scientist, bryologist, botanist & naturalist; to Cochinchina 1742; mathematician & naturalist for King of Cochinchina 1742–1778; explored & collected in Indo-China, Mozambique, Zanzibar & Tropical Africa; corresponded w Sir J Banks; interested in medicinal qualities in plants that he desc in his book;
Book [1790] *Flora Cochinchinensis* = "Flora of Cochin, China" Portugal; (in 2 Vols);
Vol 1; 354p; Vol 2; 290p;
(second edition pub 1793 by KL von Willdenow);
desc *genus*:
Stephania (India to China, New Guinea) 1790;
desc *species*:
(Coleus) **amboinicus** (Kenya to Angola, Natal) 1790 —> **Plectranthus amboinicus** by KPJ Sprengel 1825,
(Triphaca) **africana** (Tropical Africa to Mozambique, Zimbabwe, Namibia) 1790 —> **Sterculia africana** by A Fiori 1912.

†**Lourteig**, (Dr) Alicia (17 Dec 1913–30 Jul 2003); Argentine botanist:
PhD in biochemistry & pharmacy at Univ of Buenos Aires 1946; worked at several herbaria:
Kew Gardens 1948-50 Stockholm 1950-51, Copenhagen 1951, Boston 1952-53 &
Washington DC 1953; worked at French Natural Museum in Paris 1955-79; author of
over 200 scientific publications; took part in work of drafting the International Code of Bot Nomenclature;
transfer *species*:
"Cactus fimbriatus" (JBP Lamarck 1785) —> **Stenocereus fimbriatus** 1991.

Louw, Piet (fl. 1980); RSA farmer at Vanrhynsdorp;
***species* nah:**
(Bulbine) **louwii** (Western Cape) (desc & nah LI Hall 1984).

Louw, Sharon; Eshowe, KwaZulu-Natal; specialist research technician & biologist at Ezimvelo KZN Wildlife, provincial conservation authority;
species **nah:**
(Aloe) **sharoniae** (KwaZulu-Natal) (desc & nah by NR Crouch & GF Smith 2011) .

†**Louw**, (Dr) Wynand [Winnie] Jacobus (19 Dec 1905–9 Jul 1992); RSA botanist & teacher; PhD at Univ of Pretoria, S Africa c1927; lecturer at Potchefstroom Univ 1944~ & curator of herbarium 1962~;
Book [1988] *Prickly Pear (Don't Abuse it, Use it)* Port Elizabeth, RSA; Eng, 99p; (Afrikaans 107p);
species **nah:**
(Euphorbia) **louwii** (Limpopo) (desc & nah by LC Leach 1980 & disc by WF Bayer 1948);
disc *species*:
(Brachystelma) **gracillimum** (North-West) 1943 (desc by RA Dyer 1945),
(Ceropegia) **insignis** (North-West, Uganda) 1940 (desc by RA Dyer 1943),
(Euphorbia) **perangusta** (North-West) 1935 (desc by RA Dyer 1937).

Lovegrove, (Prof) (Dr) Barry (Dec 1956–); RSA zoologist & natural historian;
PhD in zoology at Univ of Cape Town, RSA; lecturer in zoology & entomology at Univ of Natal, Pietermaritzburg;
Book [1993] *The Living Deserts of Southern Africa* Vlaeberg, RSA; Eng; 224p w 381 color photos.

Loves, June (1938–); US teacher, librarian , library consultant & writer of juvenile books;
Book [2005] *Succulents (Plants)*; Eng; 32p; (juvenile).

†**Lowe**, Charles [**Chuck**] Herbert, Jr (16 Apr 1920–13 Sep 2002); US naturalist, ecologist & herpetologist; prof of ecology & evolutionary biology at Univ of Arizona, Tucson, Arizona 1950–95; explored in Sonora, Mex & the islands in the Sea of Cortez; spouse Arlene [née Patten] Lowe;
Book [1976] *The Island & Coastal Vegetation & Flora of the Northern Part of the Gulf of Calif* [w RS Felger] Los Angeles, Calif; Eng; 59p,
[1976–83] *Ecology of the Saguaro* [w WF Steenbergh] Washington DC; Eng;
[1976] Part I; 43p;
[1977] Part II, 242p;
[1983] Part III, 228p.

Lowe, Pat (1941–); Eng to Australia 1972; clinical psychologist & writer;
MS at Univ of Western Australia; psychologist at a children's home & later in Western Australian prisons; interested in writing books about traditional life in the Great Sandy Desert; spouse Australian Jimmy Pike (–2002), aboriginal artist;
Book [1998] *The Boab Tree* Port Melbourne, Australia; Eng; 96p; (primarily of Baobab Tree 'Adansonia gregorii' of western Australia),
[2008] *The Baobabs: Pachycauls of Africa, Mada & Australia* [w P Lowe] Berlin; Eng; 498p w 32 color photo plates.

†**Lowe**, Richard Thomas (4 Dec 1802–13 Apr 1874); {Lowe}; British clergyman, ichthyologist, malacologist & botanist; BA at Christ's College, Cambridge, Eng; Eng chaplain in Madeira Islands 1832–54; rector of Lea, Lincolnshire, Eng 1854–74; pub a manual flora of Madeira Islands 1857–72;
species **nah:**

(Sempervivum) **lowei** (desc & nah by JAR Paiva 1867) —> **Monanthes lowei** by PL Perez de Paz & JR Acebes 1984;

desc *species*:

(Sedum) **farinosum** (Madeira Islands) 1831,

(Sedum) **fusiforme** (Madeira Islands) 1831,

(Sempervivum) **dumosum** (Madeira Islands) 1864 —> **Aichryson dumosum** by RL Praeger 1932;

transfer *species*:

"Petrophyes brachycaulos" (S Berthelot &PB Webb 1841) —> **Monanthes brachycaulos** 1869.

Lowell, Susan;

Book [2001] *Saguaro: The Desert Giant* [w A Humphreys]; 64p.

Lowry, (Dr) Martin (1956–); {M.Lowry}; British phycisian & horticulturist; specializes in Lobivia species; IOS member 2000 & Treasurer 2019;

transfer *species*:

"Acanthocalycium ferrarii" (W Rausch 1976) —> **Echinopsis thionantha** ssp **ferrarii** 2002,

"Acanthocalycium glaucum" (F Ritter 1964) —> **Echinopsis thionantha** ssp **glauca** 2005,

"Cereus litoralis" (FRA Johow 1923) —> **Echinopsis chiloensis** ssp **litoralis** 2003,

"Echinopsis caespitosa" (JA Purpus 1917) —> **Echinopsis maximiliana** ssp **caespitosa** 2003,

"Echinopsis korethroides" (C Backeberg 1931) —> **Echinopsis formosa** ssp **korethroides** 2002,

"Echinopsis vallegrandensis" (M Cardenas 1970) —> **Echinopsis bridgesii** ssp **vallegrandensis** 2005,

"Lobivia breviflora" (C Backeberg 1936) —> **Echinopsis breviflora** 2003,

"Lobivia bruchii" (NL Britton & JN Rose 1922) —> **Echinopsis formosa ssp bruchii** 2002,

"Lobivia fallax" (H Oehme 1939) —> **Echinopsis aurea** ssp **fallax** 2005,

"Lobivia oligotricha" (M Cardenas 1963) —> **Echinopsis oligotricha** 2005,

"Lobivia rosarioana" (W Rausch 1979) —> **Echinopsis formosa** ssp **rosarioana** 2002,

"Lobivia schreiteri" (A Castellanos 1930) —> **Echinopsis saltensis** ssp **schreiteri** 2003,

"Lobivia shaferi" (NL Britton & JN Rose 1922) —> **Echinopsis aurea** ssp **shaferi** 2005,

"Lobivia westii" (PC Hutchison 1954) —> **Echinopsis maximiliana** ssp **westii** 2003,

"Lobivia wrightiana" (C Backeberg 1937) —> **Echinopsis backebergii** ssp **wrightiana** 2005,

"Opuntia lagopus" (KM Schumann 1903) —> **Austrocylindropuntia lagopus** [w I Crook & J Arnold] 2003,

"Trichocereus bertramianus" (C Backeberg 1935) —> **Echinopsis tarijensis** ssp **bertramiana** 2002,

"Trichocereus caulescens" (F Ritter 1966) —> **Echinopsis caulescens** 2002,

"Trichocereus randallii" (M Cardenas 1963) —> **Echinopsis formosa** ssp **randallii** 2002;

transfer *variety*:

"Lobivia huascha var robusta" (W Rausch 1986) —> **Echinopsis huascha** ssp **robusta** 2002,

"Lobivia pugionacantha var haemantha" (W Rausch 1986) —> **Echinopsis pugionacantha** ssp **haemantha** 2005.

†**Lozano y Lozano**, José Filemón 25 Jan 1877–1939+); Monterey, Mex; assistant of CG Pringle in Mex & at Univ of Vermont 1902–04; collected in Mex w CG Pringle;

disc *species*:

(Echeveria) **lozanoi** [w CG Pringle] (Jalisco) 1903 (desc by JN Rose 1905 & na FL Lozano).

Lubbers, George EK; Johannesburg, RSA; amateur collector;

disc *species*:

(Anacampseros) **lubbersii** (Transvaal) c1954 (desc & nah by MC Bellerue-Bleck 1984) —> **Anacampseros subnuda** ssp **lubbersii** by M Gerbaulet 1992.

†**Luckhoff**, [Lückhoff,] (Dr med) **Carl** August (10 Feb 1914–22 Aug 1960); {C.A.Lückh.}; RSA naturalist, physician, bot artist & photographer; MD at Univ of Cape Town 1944; medical officer at S African Life Insurance Company; father J Luckhoff & brother HA Luckhoff; interested in Stapeliads & Mesembs;

Book [1952] *The Stapelieae of Southern Africa* Cape Town, RSA; Eng/Afrikaans; 283p w 5 leaves of plates; desc *genus*:

Hoodiopsis (Namibia) 1933;

disc *species*:

(Conophytum) **caroli** (Northern Cape, Western Cape) 1931 (desc & nah by MG Lavis 1933);

desc *species*:

(Caralluma) **aurea** (Northern Cape) 1938 —> Quaqua aurea by DCH Plowes 1994,

(Caralluma) **cincta** (Western Cape) 1935 (disc by R Primos 1932) —> **Quaqua cincta** by PV Bruyns 1995,

(Caralluma) **gracilis** (Northern Cape) 1938 —> **Quaqua gracilis** by DCH Plowes 1994,

(Hoodiopsis) **triebneri** (Namibia) 1933 (disc by W Triebner c1932 & nah),

(Huernia) **witzenbergensis** (Western Cape) 1937 (disc by him),

(Pectinaria) **tulipiflora** (Cape) 1934 (disc by J Luckhoff),

(Piaranthus) **mennellii** (Cape) 1935 (disc by BT Mennell 1934 & nah),

(Piaranthus) **pallidus** (Cape) 1935 (disc by BT Mennell 1934),

(Stapelia) **arenosa** (Northern Cape, Western Cape) 1935 (disc by C Beukman 1935),

(Stapelia) **dwequensis** (Namibia, Northern Cape) 1937 (disc by J Luckhoff 1931) —> **Tridentea dwequensis** by LC Leach 1980,

(Stapelia) **longii** (Eastern Cape) 1935 (disc by FR Long 1934 & nah) —> **Tromotriche longii** by PV Bruyns 1995,

(Stapelia) **longipes** (Namibia, Northern Cape) 1934 (disc by EFT Rusch c1932) —> **Tromotriche longipes** by PV Bruyns 1995,

(Stapelia) **peculiaris** (Western Cape) 1938 —> **Tridentea peculiaris** by LC Leach 1978,

(Stapelia) **unicornis** Mozambique, Natal, Swaziland) 1938,

(Stapelia) **villetiae** (Northern Cape) 1938 (disc by EM Villet ≈1938 & nah);

disc *variety*:

(Huernia brevirostris var) **histrionica** [w J Luckhoff] (Cape) 1931 (desc by AC White & BL Sloane 1937),

(Huernia brevirostris var) **parvipuncta** [w J Luckhoff] (Cape) c1931 (desc by AC White & BL Sloane 1937);

desc *variety*:

(Caralluma longipes var) **villetii** (Cape) 1938 (disc by CT Villet 1934 & nah) —> **Pectinaria longipes** ssp **villetii** by PV Bruyns 2005,

(Duvalia maculata var) **immaculata** (Western Cape) 1937 (disc by DS van der Bijl) —> **Duvalia immaculata** by LC Leach 1989,

(Stapelia parvipuncta var) **truncata** (Northern Cape, Western Cape) 1937 (disc by him 1931) —> **Tridentea parvipuncta** ssp **truncate** by PV Bruyns 1995.

†**Luckhoff**, [Lückhoff,] (Dr) Hilmar Albert (1916–Jul 1995); {H.A.Luckh.}; RSA; DSc in Forestry at Univ of Stellenbosch 1964; dir of forest research institute in Pretoria, RSA; brother CA Luckhoff & father J Luckhoff; specialized in *Lithops*;

disc *species*:

(Cheiridopsis) **hilmari** (Cape) 1931 (desc & nah by HML Bolus 1932) —> **Deilanthe hilmari** by HEK Hartmann 2002,

(Pleiospilos) **hilmarii** (Western Cape) 1930 (desc & nah by HML Bolus 1931) —> **Tanquana hilmarii** by HEK Hartmann & SL Liede 1986;

desc *species*:

(Lithops) **viridis** (Northern Cape) 1958 (disc by him & LJ Hill 1956).

†**Luckhoff**, [Lückhoff,] (Dr med) James (1875–1973); physician at Cape Town;
explored w sons CA & HA Luckhoff in s Africa; collected mesembs & other succ;
friend of HML Bolus & WR Marloth;
***species* nah:**

(Delosperma) **luckhoffii** (RSA) (desc & nah by HML Bolus 1929),
(Gibbaeum) **luckhoffii** (Western Cape) (desc & nah by HML Bolus 1931),
(Monilaria) **luckhoffii** (Western Cape) (desc & nah by HML Bolus 1930 & disc in 1930) —> **Diplosoma luckhoffii** by MHG Schwantes 1957,
(Ruschia) **luckhoffii** (Western Cape) (desc & nah by HML Bolus 1931) —> **Antimima luckhoffii** by HEK Hartmann 1998,
(Titanopsis) **luckhoffii** (Northern Cape) (desc & nah by HML Bolus 1931 & disc by J Luckhoff 1931) —> **Aloinopsis luckhoffii** by HML Bolus 1958;
disc *species*:
(Conophytum) **cupreatum** (Namaq) 1931 (desc by A Tischer1936) —> **Conophytum pellicudum** ssp **cupreatum** by SA Hammer 1993,
(Conophytum) **luckhoffii** (Western Cape) 1930 (desc & nah by MG Lavis 1931),
(Euphorbia horrida var) **striata** (Eastern Cape) (desc by BL Sloane, AC White & RA Dyer 1941),
(Pectinaria) **tulipiflora** (Cape) (desc by CA Luckhoff 1934),
(Stapelia) **dwequensis** (Namibia, Northern Cape) 1931 (desc by CA Luckhoff 1937) —> **Tridentea dwequensis** by LC Leach 1980;
disc *variety*:
(Huernia brevirostris var) **histrionica** [w CA Luckhoff] (Cape) 1931 (desc by AC White & BL Sloane 1937),
(Huernia brevirostris var) **parvipuncta** [w CA Luckhoff] (Cape) c1931 (desc by AC White & BL Sloane 1937).

†**Luckhoff**, [Lückhoff,] (Mrs) James;
disc *species*:
(Conophytum) **pubicalyx** (Little Namaq) (desc by MG Lavis 1933).

†**Luderitz**, [Lüderitz, Luederitz,] August (6 Aug 1838–15 Dec 1922); Ger merchant & collector;
to US 1860–63, to Central & S Amer 1866–67, to Colombia 1870–78, to Lagos 1882–83 & to Namibia 1884~;
***species* nah:**
(Crassula) **luederitzii** (Namibia) (desc & nah by S Schonland 1929),
(Mesemb) **luederitzii** (Namibia) (desc & nah by HGA Engler 1909) —> **Drosanthemum luederitzii** by MHG Schwantes 1927,
(Titanopsis) **luderitzii** (Namibia) (desc & nah by A Tischer 1927).

†**Ludford**, WCG; Eng; had large succ collection & business near Birmingham, Eng;
issued a few price lists 1890–1900;
Book [1895] *Cacti, and How to Grow Them* Sutton Coldfield, Eng; Eng; 12p.

†**Ludlow**, Frank (10 Aug 1885–27 Mar 1972); British teacher & naturalist;
teacher in Karachi, Tibet & Kashmir; studied natural history; explored & collected,
at various times w G Sherriff, in Tibet & Bhutan 1933–50;
***species* nah:**
(Rhodiola) **ludlowii** (Bhutan) (desc & nah by H Ohba 1977).

Luebbermann, Mimi; US farm in n Calif; writes articles on gardening;
Book [1997] *C&S, Simple Secrets for Glorious Gardens – Indoors & Out* San Francisco, Calif; Eng; 108p;

photography by Faith Echtermeyer.

Luederitz, A — See **Luderitz**, A.

Luethy, JM — See **Luthy**, JM.

†**Luetzelburg**, [Lutzelburg, Lützelburg,] (Dr) Philipp von (16 Jul 1880–1 Jul 1948); {Luetzelb.}; Ger pharmacist & botanist; PhD at Univ of Munich 1909; prof of botany at Agricultural College of Sao Bento, Brazil 1912; collected in ne Brazil 1912–22 & 1928–38; to Ger 1922 &1938; spouse Marianne [née Naessi] Luetzenburg;
disc *species*:
(Cereus) **luetzelburgii** (Bahia) 1913 (desc & nah by FKJ Vaupel 1923) —> **Stephanocereus luetzelburgii** by NP Taylor & UV Eggli 1991;
transfer *species*:
"Acanthocereus albicaulis" (NL Britton & JN Rose 1920) —> **Cereus albicaulis** 1926,
"Cactus bahiensis" (NL Britton & JN Rose 1922) —> **Melocactus bahiensis** 1926,
"Cactus zehntneri" (NL Britton & JN Rose 1922) —> **Melocactus zehntneri** 1926.

†**Lugard**, [née Howard,] Charlotte Eleanor [Nell] (1859–22 May 1939); British painter of miniatures & bot artist; collected w spouse, EJ Lugard, on British Bechuanaland expedition 1897–99 as water color painter of plants;
***species* nah:**
(Ceropegia) **lugardiae** (Angola, Namibia, Limpopo, Zimbabwe, Mozambique, Tanzania, Kenya, Botswana) (desc & nah by NE Brown 1901 & disc by CE & EJ Lugard 1897);
disc *species*:
(Monadenium) **lugardiae** (Limpopo, Botswana, Zimbabwe) 1897 (desc & nah by NE Brown 1909).

†**Lugard**, (Major) Edward James (23 Mar 1865–3 Jan 1957); British army officer & colonial adminstrator; collected w brother, (Sir) Frederick John Dealtry Lugard (22 Jan 1858–11 Apr 1945), on British Bechuanaland expedition 1896 & w spouse, CE Lugard, on British Bechuanaland expedition 1897–99; collected in Nigeria & Kenya; governor of Nigeria 1912–19;
***species* nah:**
(Caralluma) **lugardii** (Northern Cape, Namibia, Botswana, Zimbabwe) (desc & nah by NE Brown 1903 & disc by TJG Een 1879) —> **Orbea lugardii** by PV Bruyns 2001,
(Sesamothamnus) **lugardii** (RSA, Zimbabwe, Botswana) (desc & nah by NE Brown 1906);
disc *species*:
(Aloe) **elgonica** (Kenya) 1930 (desc by EJ Bullock 1932),
(Caralluma) **maculata** (Botswana, Zimbabwe, Limpopo) 1896–97 (desc by NE Brown 1904)—> **Orbea maculate** by LC Leach 1978,
(Ceropegia) **lugardiae** [w CE Lugard] (Angola, Namibia, Limpopo, Zimbabwe, Mozambique, Tanzania, Botswana, Kenya) 1897 (desc & na CE Lugard by NE Brown 1901),
(Hoodia) **lugardii** (Botswana, Zimbabwe, Limpopo) 1896–97 (desc & nah by NE Brown 1904) —> **Hoodia currorii** ssp **lugardii** by PV Bruyns 1993,
(Huerniopsis) **atrosanguinea** (Bechuanaland Protectorate, Transvaal) 1896 (desc by NE Brown 1937),
(Stapelia) **kwebensis** (Mozambique, Zimbabwe, Botswana, Namibia, North-West, Limpopo) 1897 (desc by NE Brown 1904).

†**Lugenheim**, E;
Book [1910] *Anleitung fur die Zimmerkultur der Kakteen* Berlin, Ger; Ger; 4p w 5 figures.

Lujan, Ignacio Pina — See **Pina Lujan**, Ignacio.

Lukasik, [Lukašik,] Emil (26 Dec 1920–9 Dec 2007); Czech cactus amateur in Ostrava;
desc *species*:
(Gymnocalycium) **miltii** [w P Kupcak, JJ Halda & J Sladkovsky] (San Luis) 2002 (disc by J Prochazka).

Luke, Wm Richard Quentin (30 Jul 1952–); {Q.Luke}; Kenyan field botanist; project dir of plants in Kenya's coastal forests; an associate of Kew & East African Herbarium, Natl Museums of Kenya, Nairobi; collected in East Africa 1986~;
disc *species*:
(Orbea) **taitica** (Kenya) 1998 (desc by PV Bruyns 2002) —> **Angolluma taitica** by DCH Plowes 2008;
disc *variety*:
(Orbea semota var) **orientalis** (Kenya) 1998 (desc by PV Bruyns 2002).

†**Lumholtz**, Carl [Karl] Sofus (23 Apr 1851–4 May 1922); Norwegian naturalist, ethnologist, photographer, writer & traveler; studied botany, geography, zoology & anthropology; explored in western & nw Mex & sw US 1890–10 for Amer Museum of Natural History & Amer Geographic Soc;
Book [1912] *New Trials in Mex, an Account of One Year's Exploration in NW Sonora, Mex, & SW Arizona 1909–10* NYC; Eng; 411p;
***species* nah:**
(Sedum) **lumholtzii** (Sonora, Sinaloa) (desc & nah by BL Robinson & ML Fernald 1894).

Lundgren, GK;
Book 1981] *Assessment of the Prickly Pear Problem on Texas Rangelands* [w RE Whitson, DN Ueckert, FE Gilstrap & CW Livingston] College Station, Texas; 22p.

†**Lunt**, Wm (19 Dec 1871–3 Jan 1904); British gardener at Kew 1892; explored & collected in s Arabia w JT Bent 1893–94; appointed Assistant Superintendent of Bot Garden at Trinidad 1894 & later curator of Bot Station at St Kitts, West Indies;
disc *species*:
(Aloe) **luntii** (Somalia, Oman, Yemen) 1893 (desc & nah by JG Baker 1894),
(Caralluma) **luntii** (Yemen) 1894 (desc & nah by NE Brown 1894) —> **Orbea luntii** by PV Bruyns 2001.

Luthy, [Lüthy, Luethy,] Adrian D (20 Sep 1961--); {A.Luthy}; Swiss botanist; interested in genus Coryphantha; spouse Agnieszka Luthy; brother JM Luthy;
Book [2003] *Coryphantha: Kakteen aus Nordamerika* [w RF Dicht]; Ger; 139p; (2004 Eng edition *Coryphantha: Cacti of Mex & s USA*; NYC; Eng; 200p);
desc *species*:
(Coryphantha) **glassii** [w RF Dicht] (Guanajuato, San Luis Potosi) 2000 (disc by CE Glass & nah),
(Coryphantha) **hintoniorum** [w RF Dicht] (Nuevo Leon) 1999 (disc by RF Dicht & AD Luthy & na the Hinton family – see GS Hinton);
transfer *species*:
"Coryphantha calipensis" (S Arias Montes, LU Guzmán Cruz & S Gama López 1992) —> **Coryphantha pallida** ssp **calipensis** [w RF Dicht] 2000,
"Coryphantha cuencamensis" (L Bremer 1980 —> **Coryphantha durangensis** ssp **cuencamensis** [w RF Dicht] 2001,
"Coryphantha greenwoodii" (H Bravo-Hollis 1970) —> **Coryphantha elephatidens** ssp **greenwoodii** [w RF Dicht] 2001,
"Coryphantha laui" (L Bremer 1979) to **Coryphantha pseudoechinus** ssp **laui** [w RF Dicht] 2001,
"Echinocactus salinensis" (H Poselger 1853) —> **Coryphantha salinensis** [w RF Dicht] 1998,
"Mamm bumamma" (CG Ehrenberg 1849) —> **Coryphantha elephantidens** ssp **bummama** [w RF Dicht]

2001,
"Mamm stipitata" (MJF Scheidweiler 1838) —> **Coryphantha clavata** ssp **stipitata** [w RF Dicht] 2001,
"Turbinicarpus rioverdensis" (G Frank 1992) —> **Turbinicarpus schmiedickeanus** ssp **rioverdensis** 1999;
desc *subsp*:
(Coryphantha hintoniorum ssp) **geoffreyi** [w RF Dicht] (Nuevo Leon) 2003 (disc by GS Hinton & GB Hinton III & na Geoffrey A Hinton),
(Coryphantha ramillosa ssp) **santarosa** [w RF Dicht] (Coahuila) 2000 (disc by AD Luthy & A Hofer).

Luthy, [Lüthy, Luethy,] (Dr) Jonah [**Jonas**] Martin (1953–); {Luthy}; Swiss botanist; officer for plants at CITES Management Authority, Bot Garden of Univ of Bern, Switzerland; IOS member 1989; contributor to F Katterman's *Eriosyce* 1994 book; brother AD Luthy;
Book [1995] *Taxonomische Untersuchung der Gattung Mammillaria HAW. (Cactaceae)* Frankenthal, Ger; 230p,
[2001] *The Cacti of CITES Appendix I: CITES Identification Manual* Bern, Switzerland; 264p;
disc *species*:
(Mamm) **luethyi** [w GS Hinton] (Coahuila) 1995 (desc & nah by GS Hinton 1996) (known from specimens found at a hotel, Cd. Acuna, Coahuila, in 1952 by NH Boke);
desc *species*:
(Eriosyce) **laui** (Antofagasta) 1994 (disc by AB Lau 1986 & nah),
(Turbinicarpus) **hoferi** [w AB Lau] (Nuevo Leon) 1991 (disc by A Hofer 1988 & nah);
transfer *species*:
"Echinocactus knuthianus" (F Boedeker 1930) —> **Turbinicarpus saueri** ssp **knuthianus** 2000,
"Escobaria orcuttii" (F Boedeker 1933) —> **Escobaria sneedii** ssp **orcuttii** 1999;
"Mamm giselae" (JG Martinez-Avalos & CE Glass 1997) —> **Mamm schiedeana** ssp **giselae** 1998,
"Mamm heidiae" (H Krainz 1975) —> **Mamm zephyranthoides** ssp **heidiae** 2000,
"Mamm limonensis" (W Reppenhagen 1985) —> **Mamm fittkaui** ssp **limonensis** 1995,
"Mamm tepexicensis" (J Meyran 1991) —> **Mamm longiflora** ssp **tepexicensis** 2000;
transfer *variety*:
"Pediocactus peeblesiana var fickeiseniae" (LD Benson 1982) —> **Pediocactus peeblisianus** ssp **fickeiseniorum** 1999;
transfer *forma*:
"Turbinicarpus krainzianus fa minimus" (G Frank 1989) —> **Turbinicarpus pseudomacrochele** ssp **minimus** [w A Hofer] 2002.

Lutolf, [Lütolf,] (Dr) George Anton (1934–); Swiss botanist; PhD at Univ of Zurich 1969;
Book [1969] *Beziehungen Zwischen Portulacaceae & Cactaceae* Zurich, Switzerland; 73p; (PhD thesis).

Lutz, Eberhard (1940–); Ger member of DKG 1980~; specialized in frost hardy N Amer cacti; to US 1994;
Book [1990] *Ein Uberblick der Gattung Pediocactus* Gottingen; 46p,
[1999] *Feldliste Eberhard Lutz 1986 bis 1999: Sonderheft 1999 des A.f.M* = "Lutz field numbers 1–673 for US native cacti"; Ger; 55p.

†**Lutz**, L (fl. 1913); French pharmacist; secretary of Société Botanique de France;
***species* nah:**
(Sedum) **lutzii** (China) (desc & nah by Raymond-Hamet 1913).

Lux, Alexander (1952–); {Lux};
Book [1992] *Leksykon Kaktusow* = "Everything About Cacti" [w R Stanik] Warzawa, Poland; Czech; 95p w 114 color photos,
[1992] *Vsechno o Kaktusech* [w R Stanik] Bratislava, Slovakia; 96p w 114 color photos,
[1992–94] *Obrazkovy Minilexikon Sukulentov* [w R Stanik, J Matis & I Drab] Bratislava;

Czech/Ger/Spanish/Eng;
[1992] Vol 1, 64p;
[1994] Vol 2, 72p,
[1996] *Rod Turbinicarpus* [w R Stanik, M Zachar & J Drab] Bratislava, Slovakia; Czech; 101p w 74 color photos.

†**Lyall**, (Dr med) David (1 Jun 1817–2 Mar 1895); Scottish physician, naturalist & botanist; MD at Univ of Aberdeen; collected in Antarctic 1839–42, Australia & New Zealand 1852, on British Columbia Boundary Commission in US & Canada 1858–61; friend of JD Hooker; FLS 1862; spouse FA [née Rowe] Lyall;
disc *species*:
(Calandrinia) **columbiana** (British Columbia, Washington, Oregon) 1860 (desc by A Gray 1887) —> **Lewisia columbiana** by BL Robinson 1897.

†**Lynch**, **Richard** Irwin (1 Jun 1850–7 Dec 1924); {Lynch}; British gardener; student & gardener at Kew c1867–79; curator of Cambridge bot gardens 1879–19; honorary MA at Cambridge Univ; wrote about hardy Opuntias;
Book [1907] *Succulent Plants* London, Eng; Eng; 30p.

†**Lyon**, John (1765–14 Sep 1814); Scotland to US ≈1796: horticulturist & nurseryman; gardener in Philadelphia, Pennsylvania 1796~ & at Wm Hamilton's Woodlands Gardens (in existence 1788 to 1840) in Philadelphia, 1802–03 & 1805; collected in the Carolinas, Georgia & Florida 1799~;
disc *species*:
(Yucca) **stricta** (Colorado, Kansas, New Mex & Oklahoma) (desc by J Sims 1821) —> **Yucca glauca** var **stricta** by WA Trelease 1902.

Lyons, Gary Wm (8 Jul 1938–); US horticulturist; desert garden expert; curator of desert garden at Huntington Bot Gardens, San Marino, Calif 2001~; designed Ethel Mars Cactus Garden in Las Vegas, Nevada; w Huntington expedition to Mex 1966 & 1971; CSSA Superior Service award 1983; IOS member 1974 & reentry 1992; spouse Shannon Lyons;
Book [1969] *Huntington Desert Garden*; Eng; 31p,
[2000] *Desert Gardens* [w M Levick] NYC; Eng; 176p,
[2007] *Desert Plants, a Curator's Introduction to the Huntington Desert Gardens* San Marino, Calif; Eng; 127p;
***species* nah:**
(Echeveria) **lyonsii** (Tamaulipas) 1971 (desc & nah by MW Kimnach 2007).

Lyons, Jean Luc;
Book [1989] *Essai d'étude Phenologique de deux Types de Plantes Succulentes*; 29p.

†**Lyte**, Charles (28 Dec 1935–17 May 2016); British journalist & garden writer; worked as an educational correspondent at the British newspaper Daily Mirror; interested in bot exploration and gardening; author of biographies of Sir Joseph Banks (1743–1820) & Frank Kingdon-Ward (1885–1958);
Book [1983] *The Plant Hunters* London, Eng; 191p w 16 leaves of plates.

†**Lyte**, Henry (1529–16 Oct 1607); British naturalist & herbalist in Somerset, Eng; herbal garden; studied antiquities; first spouse Agnes [née Kelloway] Lyte (–1564); second spouse Frances [née Tiptoft] Lyte (–1589); third spouse Dorothy [née Gover] Lyte;
Book [1578] *A Niewe Herball (or Historie of Plants)* translation of R Dodonaeus' *Herball Cruydeboeck* (1554)

from Flemish into Eng; dedicated it to Queen Elizabeth; includes some Crassulaceae succ.

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†**Maack**, [Maak,] Richard Karlovich [Karlovic] (9 Sep 1825–25 Nov 1886); {Maack}; Russian naturalist, geographer & anthroplogist; studied natural sciences at Univ of St. Petersburg; prof of natural sciences at Gymnasium in Irkutsk 1852–1867; superintendent of schools of n Siberia 1868–1879; explored in Russian Far East & Siberia;

desc *species*:

(Sedum) **selskianum** [w EA von Regel] (Siberia, Manchuria, Japan) 1861 (na IS Selsky) —> **Phedimus selskianus** by H 't Hart 1995.

†**Maass**, (Mr) CA (17 Jun 1859–7 Mar 1929); [C.A.Maass]; Ger cactus amateur;

desc *species*:

(Argyroderma) **delaetii** (Western Cape) 1928 (na F de Laet),
(Huernia) **insigniflora** (Northern Prov, Mpumalanga) 1928 (disc by (Mr) Leviseur ≈1927),
(Trichocyclus) **pubescens** (Namaq) 1928 —> **Brownanthus pubescens** by AA Bullock 1937.

†**Maass**, (Mr) W (fl. 1907); Ger cactus hobbyist at Zehlendorf; secretary of *Deutsch Kakteen-Gesellschaft* 1907;

***species* nah:**

(Echinocactus) **maassii** (Bolivia, Argentina) (desc & nah by E Heese 1907) —> **Parodia maassii** by A Berger 1929.

†**Maasz**, Harry; Ger landscape gardener;

Book [1925] *Die Schönheit Unserer Kakteen* Frankfurt, Ger; Ger; 122p w 33 plates.

Mabe, Rex E; US in Greensboro, N Carolina; greenhouse grower & retailer;
co-owner of *The Abor House* nursery 1971~;
Book [1974] *Gardening with Cactus* Greensboro; Eng; 48p w illustrations by Rebecca Gabriel,
[1974] *Gardening with Succ* Greensboro; Eng; 48p w illustrations by Rebecca Gabriel.

†**MacArthur**, G Cuthbert [**Mac**] (–1950); policeman in India & then Kenya;
game warden, Kenya 1927–37;

disc *species*:

(Monadenium) **rhizophorum** (Kenya) 1940 (desc by PRO Bally 1959).

†**Macbride**, James Francis (19 May 1892–16 Jun 1976); {J.F.Macbr.}; US botanist; on Field Museum's staff of Department of Botany, Harvard Univ, Cambridge, Massachusetts; joined Marshall Field Bot Expedition to Peru 1922–23;

desc *genus*:

Schizobasopsis (RSA) 1918 (syn of Bowiea JD HOOKER);

***species* nah:**

(Portulaca) **macbridei** (Peru) (desc & nah by CMD Legrand 1952);

disc *species*:

(Borzicactus) **fieldianus** [w ? Featherstone] (Peru) 1922 (desc by NL Britton & JN Rose 1923 & na M Field) —> **Cleistocactus fieldianus** by DR Hunt 1987;

desc *species*:

(Echeveria) **harmsii** (Oaxaca) 1931 (disc by JN Rose & RH Hay c1930 & na HAT Harms),
(Portulaca) **tingoensis** (Peru) 1931;

transfer *species*:
"Cotyledon virgata" (FLE Diels 1906) —> **Villadia virgata** [w C Baehni] 1937,
"Sedum dyvrandae" (Raymond-Hamet 1914) —> **Villadia dyvrandae** [w C Baehni] 1937,
"Tradescantia ionantha" (FLE Diels 1906) —> **Tripogandra ionantha** 1945.

†**MacDougal**, (Dr) Daniel Trembly (16 Mar 1865–22 Feb 1958); {MacDougal}; US botanist & ecologist; PhD at Purdue Univ, Indiana 1897; dir at NY Bot Garden 1899–1905; dir of Carnegie Desert Bot Laboratory in Tucson Mountains, Pima County, Arizona 1905–1933; leading Amer authority on African & Amer desert ecology; collected in Mex; life member of Torrey Bot Club & Bot Soc of Amer; honorary PhD from DePauw Univ 1912 & from Univ of Arizona 1915;
Book [1905] *Bot Explorations in Arizona, Sonora, & Baja Calif* NYC; Eng; 12p,
[1908] *Botanical Features of N American Deserts* DC (Carnegie Institution of Washington Publication 99); Eng; 111p,
[1910] *Condition of Parasitism in Plants* DC; Eng; 60p,
[1910] *The Water-Balance of Succ Plants* [w ES Spalding] DC; Eng; 77p,
[1926] *Growth & Permeability of Century-Old Cells* Tucson, Arizona; Eng; 23p,
[1930] *The Green Leaf* New York, NY; Eng; 140p;
***species* nah:**
(Fouquieria) **macdougalii** (Sonora, Sinaloa) (desc & nah by GV Nash 1903),
(Tumamoca) **macdougalii** (Arizona, Sonora) (desc & nah by JN Rose 1912);
disc *species*:
(Mamm) **macdougalii** (Arizona, Sonora) 1909 (desc & nah by LH Bailey 1916) —> **Mamm heyderi** ssp **macdougalii** by DR Hunt 1997.

†**MacDougall**, (Dr) Thomas [**Don Tomas**] Baillie (9 Dec 1896–17 Jan 1973); {T.MacDoug.}; Scottish anthropologist, landscape designer & nurseryman; to NY c1920; spent winter months in Oaxaca, Mex 1930~; known in Mex as *Don Tomas*; explored & collected in Oaxaca & Chiapas; writer of some 85 articles & notes 1941~; CSSA Fellow award 1967;
Book [1930] *The Green Leaf* NYC; Eng; 140p; (chapter on green stems includes c&s);
[1975] *Plant Exploration in the States of Oaxaca & Chiapas (field notes from 1936 to 1971)* Santa Barbara, Calif; Eng; 59p;
desc *genus*:
Pterocereus [w F Miranda] (Chiapas, Yucatan) 1954 (syn of Pachycereus B&R);
***species* nah:**
(Furcraea) **macdougallii** (Puebla, Oaxaca) (desc & nah by E Matuda 1955),
(Lobeira) **macdougallii** (Chiapas) (desc & nah by EJ Alexander 1944) —> **Disocactus macdougallii** 1991 by WA Barthlott 1991,
(Ortegocactus) **macdougallii** (Oaxaca) (desc & nah by EJ Alexander 1961 & disc by F Ortega 1938),
(Sedum) **macdougallii** (Oaxaca) (desc & nah by RV Moran 1977 & disc by J Ramirez 1967);
disc *species*:
(Cryptocereus) **anthonyanus** (Chiapas) 1946 (desc by EJ Alexander 1950 & na HE Anthony) —> **Selenicereus anthonyanus** by DR Hunt 1989,
(Echeveria) **alata** (Oaxaca) 1938 (desc by EJ Alexander 1941),
(Echeveria) **amphoralis** (Oaxaca) (desc by EE Walther 1958),
(Echeveria) **bella** (Chiapas) 1938 (desc by EJ Alexander 1941),
(Echeveria) **carminea** (Oaxaca) 1938 (desc by EJ Alexander 1941),
(Echeveria) **corallina** (Chiapas) 1938 (desc by EJ Alexander 1941),
(Echeveria) **globulosa** (Oaxaca) 1963(desc by RV Moran 1966),
(Echeveria) **macdougallii** (Oaxaca) 1939 (desc & nah by EE Walther 1958),
(Echeveria) **penduliflora** (Oaxaca) (desc by EE Walther 1958),

(Echeveria) **procera** (Oaxaca) 1947 (desc by RV Moran 1967),
(Echeveria) **prunina** (Chiapas) 1952 (desc by MW Kimnach & RV Moran 1981),
(Echeveria) **skinneri** (Oaxaca) 1959 (desc by EE Walther 1972 & na DB Skinner),
(Echeveria) **spectabilis** (Oaxaca) 1938 (desc by EJ Alexander 1941),
(Epiphyllum) **chrysocardium** (Chiapas) 1951 (desc by EJ Alexander 1956) —> **Selenicereus chrysocardium** by MW Kimnach 1991,
(Graptopetalum) **grande** (Guerrero, Oaxaca) 1954 (desc by EJ Alexander 1956),
(Graptopetalum) **macdougallii** (Oaxaca) 1937 (desc & nah by EJ Alexander 1940),
(Nyctocereus) **chontalensis** (Oaxaca) 1949 (desc by EJ Alexander 1950) —> **Strophocactus chontalensis** by R Bauer 2003,
(Peniocereus) **macdougallii** (Oaxaca) 1940 (desc & nah by LT Cutak 1947),
(Pseudorhipsalis) **macrantha** (Oaxaca) 1939/40 (desc by EJ Alexander 1942) —> **Disocactus macranthus** by MW Kimnach & PC Hutchison 1957,
(Sedum) **chontalense** (Oaxaca) 1939 (desc by EJ Alexander 1947),
(Sedum) **commixtum** (Oaxaca) 1957 (desc by RV Moran & PC Hutchison 1980),
(Sedum) **platyphyllum** (Oaxaca) 1939 (desc by EJ Alexander 1942);
desc *species*:
(Nopalxochia) **conzattiana** (Oaxaca) 1947 (disc by him 1940) —> **Disocactus ackermannii** ssp **conzattianus** by R Bauer 2003,
(Ritterocereus) **chacalapensis** [w H Bravo-Hollis] (Oaxaca) 1957 —> **Stenocereus chacalapensis** by F Buxbaum 1961;
disc *variety*:
(Heliocereus aurantiacus var) **blomianus** (Chiapas, Oaxaca) 1951/521990 (desc by MW Kimnach) —> **Disocactus speciosus** ssp **blomianus** by R Bauer 2003.

Mace, (Dr) Anthony [**Tony**] Wm (5 Jan 1944–); British horticulturist, lecturer & show judge; PhD in Pharmaceutical Chemistry 1973; member Sussex Branch of NCSS 1956 & BCSS 1983; explored, w spouse, in US, Mex, RSA, Namibia, Canary Islands; one of first BCSS Robert Holt Meritorious award 1991; developed internet C&S Plant Mall 1995; IOS member 1996; CSSA Fellow award 2001; BCSS Fellow award 2003; spouse S Mace;
Book [1975] *Notocactus, A Review of the Genus Incorporating Brasilicactus, Eriocactus & Wigginsia* Brighton, Eng; Eng; 87p,
[1980] *Supplement* (to *Notocactus* 1975) Sussex; Eng; 25p,
[1998] *Cactus and Succulents (a Hamlyn Care Manual)* [w S Mace] San Diego, Calif; Eng; 128p.

Mace, Suzanne (1946–); British horticulturist & lecturer; involved with branch & national organizations 1965~; qualified show judge 1975~; founder & first editor of *Mesemb Study Group Bulletin* 1985; manager of *Fresh Acres Nursery* cactus division, Angmering, UK 1999~; explored in RSA; interested in Mesembs; BCSS Robert Holt Meritorious Award 1995; BCSS Fellow 2006; spouse AW Mace;
Book [1987~] *Mesemb Study Group Bulletins*; (4 issues per year); (editor of),
[1998] *Cactus and Succulents (a Hamlyn Care Manual)* [w AW Mace] San Diego, Calif ; Eng; 128p.

†**Macedo**, José Tavares de (25 Aug 1801–1890); Portuguese amateur botanist; official in Portuguese Ministry of Marine & the Colonies; collected in Africa;
***genus* nah:**
Tavaresia (RSA, Angola, Namibia, Botswana, Zimbabwe) (desc & nah by FMJ Welwitsch 1854).

†**MacGillivray**, (Dr med) Wm David Kerr (27 Nov 1867–28 Jun 1933); Australian physician, ornithologist & naturalist; MD at Melbourne Univ 1890; practicing physician in Broken Hill, New South Wales 1901~; made expeditions to n Queensland, Australia; first spouse Ida Lillian [née Eccles] Macgillivray (1874-1906); second spouse Hilda Bertine Macgillivray (1883-1919);
disc *species*:
(Hoya) **macgillivrayi** (Australia) (desc & nah by FM Bailey 1914).

†**Machacek**, [Machácek,] John [Jirí] Emil (1902–1970); {Machacek}; Czech horticulturist; spouse Alice Linda [née Donaway] Machacek (1910–?);
Book [1974] *50 Let Organizovaného Kaktusárstrí V Brné 1924–1974* = "50 Yrs of Organized Cacti Growing in Brno" Brno, Czech Rep; Czech; 24p; (editor of).

Machado, (Dr) Marlon Câmara (5 May 1975–); Brazil telecommunication engineer & biologist at dept of science biology at Univ Estadual de Feira de Santana, Bahia, Brazil; PhD in Botany; studies succ flora of Brazil;
Book [2000] *Uebelmannia & Their Environment* [w R Schulz]Teesdale, Australia; Eng; 160p;
desc *species*:
(Arrojadoa) **marylanae** [w A de O Soares Filho] (Bahia) 2003 (disc by A de O Soares Filho & M Coelho 2001 & na Marylan Coelho);
desc *subsp*:
(Micranthocereus polyanthus ssp) **alvinii** [w A Hofacker] (Brazil) 2004 (disc by MC Machado 2003 & na D Alvin by both),
(Tacinga inamoena ssp) **subcylindrica** [w NP Taylor] (Bahia) 2003 (disc by U Eggli 1988 & known to MC Machado since his childhood).

Machler, [Mächler,Maechler,] Wendelin (1933–); Switzerland cactus hobbyist;
desc *species*:
(Echinopsis) **bolligeriana** [w HE Walter] (Peru) 2003 (disc by HE Walter 2003).

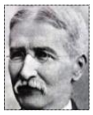
†**Machris**, Maurice Alfred (27 Jan 1905–3 Nov 1980) & spouse Frances [Paquita] Virginia [née Lick] Machris (22 Jan 1912–7 Oct 2007); US philanthropists & big game hunters in countries around the world; sponsored The Machrics Brazilian Expedition of 1956;
***species* na them:**
(Cephalocereus) **machrisii** (Brazil) (desc & nah by EY Dawson 1975 & disc by him 1956) —> **Pilosocereus machrisii** by C Backeberg 1960.

Machuca, [Machuca Nunez, Machuca Núñez,] José Antonio (1960–); Mex agronomist; PhD in agronomy; collected in Jalisco;
***species* nah:**
(Pachyphytum) **machucae** (Michoacan) (desc & nah by I Garcia Ruiz, CE Glass & M de J Chazaro Basanoez 1999 & disc by I Garcia Ruiz 1997).

Mackie, Richard A (1933–); US entomologist; MS in entomology at Univ of Idaho 1957; entomologist at County Public Health office, San Diego, Calif 1957–71 & in Guam 1972–80; book author & publisher 1981~;
Book [1966] *Biological Interrelationships of Moths & Yucca whipplei* [w J Powell] Berkeley, Calif ; Eng; 59p.

MacLeay, (Prof) Kenneth NG; botanist at Khartoum Univ, Sudan;
disc *species*:
(Aloe) **macleayi** (Sudan) 1947 (desc & nah by GW Reynolds 1955).

MacNaught, Janet;
Book [1985] *C&S: A Collection of Watercolours* [w L Vesco] Aberdeen, Scotland; Eng; 45p of watercolor drawings.



†**MacOwan**, (Prof) **Peter** (14 Nov 1830–30 Nov 1909); {MacOwan or Macowan}; British botanist & teacher; BA in chemistry at London Univ 1857; prof of chemistry at Huddersfield College, Eng 1859–61; to Grahamstown, RSA as principal of Shaw College 1861-68; educator & prof of science at Gill College, Somerset East, RSA 1869–81; dir of Bot Gardens, curator of Cape Government Herbarium & prof of botany at S African College, Cape Town, RSA 1881–92; friend of H Bolus; his herbarium went to Albany Museum, Grahamstown, RSA 1904; FLS 1885; son-in-law S Schonland; spouse Amelia [née Day] MacOwan;
species **nah:**
(Crassula) **macowaniana** (Namaq) (desc & nah by S Schonland & EG Baker 1899),
(Mesemb) **macowanii** (Western Cape) (desc & nah by HML Bolus 1926) —> **Ruschia macowanii** by MHG Schwantes 1949;
disc *species*:
(Euphorbia) **obesa** (Eastern Cape) 1897 (desc by JD Hooker 1903),
(Euphorbia) **macowanii** (Western Cape) c1895 (desc & nah by NE Brown 1915) —> **Euphorbia tuberculata** var **macowanii** by AC White, BL Sloane & RA Dyer 1941,
(Huerniopsis) **decipiens** (Namibia, Botswana, Northern Cape) c1875 (desc by NE Brown 1878),
(Mesemb) **hookeri** (Northern Cape) 1873 (desc by A Berger 1908 & na JD Hooker) —> **Lithops hookeri** by MHG Schwantes 1928,
(Stapelia) **macowani** (Eastern Cape) c1875 (desc & nah by NE Brown 1890);
disc *variety*:
(Duvalia radiata var) **obscura** (Cape) (desc by NE Brown 1937).

†**Macqret**, François Hercule Gaston;
Book [1888] É*tude sur l'Aloes* Paris, France; French; 156p.

†**Maddams**, (Dr hc) Wm [**Bill**] Francis (9 Jun 1926–12 Jan 2015); British industrial physicist & analytical chemist; BSc & MSc degrees from Univ of Sheffield, UK; honorary doctorate from Council for Natl Academic Awards 1982, Eng; joined CSSGB 1956; founding member of North Surrey Branch 1957 & first secretary 1957~; founding member of The Mamm Soc 1960 & editor of journal 1960~; lecturer, author; prolific writer for journals; Mamm expert; IOS member 1973; involved in merger of CSSGB & NCSS to BCSS 1983; BCSS Fellow award 1983; CSSA Fellow award 1997; BCSS Life Membership 2003; spouse Elizabeth [Betty] Maddams (–17 Jul 1981), horticulturist;
Book [1973] *Interesting Newer Mamms* Worcester Park, Eng; Eng; 40p,
[1980] *Meritorious Mamms* Banstead, Eng; Eng; 44p.

†**Maddox**, Ed P III (1922–16 Jun 2014); US veterinarian & farmer; graduate of Texas A&M College School of Veterinary Medicine 1944; pres of Fort Worth C&SS ?; collected cacti in N, Central & S America; spouse Movelda [Née Holt] Maddox (29 Jul 1924–21 Jan 2003);
Book [1984] *10,000 Miles Hunting Cactus in Texas* Fort Worth, Texas; Eng; 106p.

Madgwick, Wendy (1946–); US;
Book [1992] *C&OS* Austin, Texas; Eng; 47p.

†**Madison**, (Dr) Marshall [**Marsh**] Pierce (13 Jun 1895–1977); US corporation lawyer; PhD at Stanford Univ, Palo Alto, Calif 1920; pres of Strybing Arboretum Soc of Golden Gate Park, San Francisco, Calif; interested in horticulture; spouse Elena [née Eyre] Madison;

***species* nah & spouse:**

(Borzicactus) **madisoniorum** (Amazonas A) (disc by PC Hutchison 1957 & desc & nah & spouse by PC Hutchison 1963) —> **Matucana madisoniorum** by GD Rowley 1973.

Madsen, (Prof) (Dr) Jens Elgaard (fl. 1989); {Madsen}; Danish botanist; PhD in tropical ecology 1991 & prof of systematic botany at Univ of Aarhus, Risskov, Denmark; IOS member 1986; explored in Ecuador c1988 & in Senegal c1993; prof at Univ of Loja, Ecuador c2001~;
Book [1989] *Flora of Ecuador—Cactaceae* Risskov, Denmark; Eng; 79p;

desc *species*:

(Cleistocactus) **leonensis** (Ecuador) 1989 (disc by him 1985),
(Espostoa) **frutescens** (Ecuador) 1989 (disc by him 1985).

†**Mag**, (Madam) F; France; an acquaintance of Raymond-Hamet;

***species* nah:**

(Sedum) **magae** (India) (desc & nah by Raymond-Hamet 1914).

Magli, Alberto (fl.2010); botanist, Linnaean taxonomist & phylogenest; explored in Argentina, Bolivia, Brazil, Chile, Parguay, Peru, Uruguay;

transfer *species*:

"Notocactus neobuenekeri" (F Ritter 1979) —> **Parodia neobuenekeri** [w G Anceschi] 2010.

Magnollay, Paul; Swiss horticulturist;

Book [1980] *Alpha flore (encyclopedie des Plantes des Fleurs et des Jardins, Vol 10 on cactacees & Succ* [w R Favre] Lausanne, France; 300p w 340 color photos.

Magnus, Eric (fl. 1942);

***species* nah:**

(Sedum) **erici-magnusii** (Tibet, China) (desc & nah by HA Froderstrom 1942).

†**Maguire**, (Prof) (Dr) Bassett (4 Aug 1904–6 Feb 1991); {Maguire}; US botanist;
PhD at Cornell Univ 1938; prof at Utah State Agricultural College, Logan, Utah 1931–43 & developed & curator of Intermountain Herbarium there; curator at New York Bot Garden 1943–75; researcher & explorer in Guatemala, Brazil & Venezuela; second spouse Celia [née Kramer] Maguire;

disc *species*:

(Lewisia) **maguirei** [w AH Holmgren] (Nevada) 1945 (desc by AH Holmgren 1954 & na B Maguire).

†**Mahabale**, [Mahabalé,] (Dr) Tryambak Shankur [Shanker] (19 Oct 1909–3 Jul 1983); Indian botanist; PhD at Bombay Univ; interested in palaeobotany, pteridophytes & plant anatomy; pres of Indian Bot Soc 1968;

***species* nah:**

(Ceropegia) **mahabalei** (India) (desc & nah by K Hemadri & MY Ansari 1971).

†**Maheshwari**, (Prof) (Dr) Panchanan (9 Nov 1904–18 May 1966); Indian botanist;
DSc at Univ of Allahabad, India; prof at Dacca Univ 1939–49 & at Delhi Univ 1949~;

***species* nah:**

(Jatropha) **maheshwarii** (India) (desc & nah by K Subramanyam & MP Nayar 1965).

†**Mahon**, [né Browne] John (12 May 1870–6 Apr 1906); Irish gardener at Kew 1891–97; forester in Malawi 1897–99; curator of Entebbe Bot Garden, Uganda 1901–03; collected in Malawi & Uganda;

***species* nah:**

(Mesemb) **mahonii** (Zimbabwe) (desc & nah by NE Brown 1902) —> **Delosperma mahonii** by NE Brown

1926.

†**Maiden**, Joseph Henry (25 Apr 1859–16 Nov 1925); {Maiden}; British to Australia 1880; botanist; curator of Technological Museum of New S Wales 1881–96 & founder of herbarium; dir of Sydney bot garden & government botanist 1896–24; spouse Eliza Jane [née Hammond} Maiden;
Book [1898] *A Preliminary Study of the Prickly-Pears Naturalised in New S Wales* Sydney, New S Wales; Eng; 30p.

Maijer, Robert; The Netherlands school teacher; interested in succulent plants w emphesis on Peperomia genus;
Book [1989] *Veldnummers Steven Brack (Met Standplaats, Zaaien Kultuurtips en Bijzonderheden* [w H Busser] Venray, Netherlands; Dutch; 59p; (rev 1995; 95p);
***species* nah:**
(Peperomia) **maijeri** (Peru) (desc by G Pino 2012 & disc by WW Krahn 1979).

†**Main**, [née Ellis] Ernestine Francesca (Mar 1853–6 May 1901); US cactus dealer in Nogales, Arizona; spouse Francis Marion [Frank] Main;
disc *species*:
(Mamm) **mainae** (Arizona, Sonora) (desc & nah by MK Brandegee 1900).

Mainardi, Fausta;
Book [1976] *Cactus y Otras Plantas Crasas* Barcelona, Spain; Spanish; 111p.

†**Maingay**, (Dr med) Alexander Carroll (25 Oct 1836–14 Nov 1869); {Maingay}; British physician & cryptoganist; MD at Edinburgh Univ 1858; botanist at East India Company (medical service); explored in Malaysia, Myanmar & n China;
desc *species*:
(Dischidia) **acutifolia** [w JD Hooker] (Borneo, Java, Sulawesi & Sumatra of Indonesia, Malaysia, Myanmar, Philippines, Thailand) 1883 (disc by AC Maingay).

†**Mainwaring**, G; Dept of Agriculture, Salisbury, Rhodesia;
disc *species*:
(Aloe) **ortholopha** (Zimbabwe) c1926 (desc by HB Christian & EWB Milne-Redhead 1933).

†**Maire**, Edouard Ernest (28 Feb 1848–19 Aug 1932); French missionary & botanical collector; ordained a priest 1872; to China 1872; missionary in Yunnan, China 1884-90 & 1908~; collected around Yunnan area;
***species* nah:**
(Aristolochia) **mairei** (China) (desc & nah by AAH Leveille 1912) —> **Ceropegia mairei** by HFJ Huber 1957.

†**Maire**, (Prof) (Dr) **René** Charles Joseph Ernest (29 May 1878–24 Nov 1949); {Maire}; French botanist, phytogeographer & mycologist; DSc at Paris 1905; prof of botany at Algeria Univ, Algeria 1911~; explored & collected in s Algeria into Sahara Desert, Ivory Coast, Mali & Senegal for Natl Bot Garden in Belgium;
Book [1958–76] *Flore de l'Afrique du Nord*; (pub after death); Paris, France;
[1958] Vol 5, Liliaceae;
[1962] Vol 8, Aizoaceae;
[1976] Vol 14, Crassulaceae; 54p;
***species* nah:**
(Sedum) **maireanum** (Portugal, Spain, Morocco) (desc & nah by EC Sennen 1833);

desc *species*:
(Caralluma) **joannis** (Morocco) 1940,
(Sedum) **jaccardianum** [w E Wilczek] (Morocco) 1925 (na H Jaccard),
(Sedum) **maurum** [w J-H Humbert] (Morocco) 1927,
(Sedum) **oligospermum** (China) 1939;
desc *variety*:
(Caralluma burchardii var) **maura** (Morocco) 1923 —> **Caralluma burchardii** ssp **maura** by U Meve & F Albers 1995;
transfer *variety*:
"Boucerosia munbyana var hispanica" (A de Coincy 1898) —> **Caralluma munbyana** var **hispanica** 1924,
"Sedum atlanticum var luteum" (ML Emberger 1936) —> **Sedum surculosum** var **luteum** 1977.

†**Major**, (Prof) (Dr med) Johann Daniel (16 Aug 1634–26 Jul 1693); Ger physician & botanist; MD at Padua, Italy 1660; interested in anatomy, pharmacy & archaeology; prof of theoretical medicine, botany & chemistry at Christian Albrechts Univ, Kiel, Ger 1665 where he established a bot garden;
Book [1668] *Amerikanische, Bei Dem Schlosse Gottorff im Monat August und September 1668 Bluhende Aloe* Schleswig, Ger; Ger; 36p.

Majumdar, (Prof) (Dr) Shyamal Kumar (12 Apr 1938–); Indian biologist & plant geneticist to US; MSc thesis 'Chromosomal alteration in relation to speciation in Haworthia' 1965 & PhD at Univ of Kentucky 1968; associate prof of biology, Lafayette College, Easton, Pennsylvania 1969~; spouse Jhorna O [née Paul] Majumdar;
Book [1970] *Morphology, Cytogenetics & Evolution of the Tribe Aloineae*; 231p; (PhD thesis),
[1979] *The Aloineae, a Biosystematic Study* [w HP Riley] Lexington, Kentucky; Eng; 181p.

Mak, Harry Chi-King (1961–); Chinese chemist & horticulturist; Univ of Hong Kong graduate; to Eng 1995; IOS member 1995;
Book [1993–2004] *Photograph Album of Succ in Color* Hong Kong; Chinese/some Eng; (in 3 Vols);
[1993] Vol 1, 202p w 582 color photos;
[1995] Vol 2, 320p w 683 color photos;
[2003] Vol 3, 249p w 702 color photos,
[1999] ***CD***—*Succ* Manchester, Eng; Eng; 1 CD-ROM w 974 color photos.

†**Makino**, Tomitarô (24 Apr 1862–18 Jan 1957); {Makino}; Japanese botanist & botanical artist; father of Japanese botany;
***species* nah:**
(Sedum) **makinoi** (Japan) (desc & nah by CJI Maximowicz 1883);
disc *species*:
(Sedum) **sikokianum** (Japanese island of Sikoku) 1885 (desc by CJI Maximowicz 1893) —> **Phedimus sikokianus** by H 't Hart 1995;
desc *species*:
(Cotyledon) **aggregata** (Japan) 1910 —> **Orostachys malacophylla** var **aggregate** by H Ohba 1992,
(Cotyledon) **iwarenge** (Japan) 1902 —> **Orostachys malacophylla** var **iwarenge** by H Ohaba 1992,
(Cotyledon) **sikokiana** (Japan, Korea, China) 1891 —> **Meterostachys sikokiana** by T Nakai 1935,
(Sedum) **bulbiferum** (Japan, Korea, Taiwan, se China) 1891,
(Sedum) **hakonense** (China, Japan) 1901,
(Sedum) **oryzifolium** (Japan, Korea) 1891 —> **Sedum uniflorum** ssp **oryzifolium** by H Ohba 1981,
(Sedum) **tosaense** (Japan) 1901,
(Sedum) **tricarpum** (Japan) 1891,
(Sedum) **viride** (Japan) 1901 —> **Hylotelephium viride** by H Ohba 1977,

(Sedum) **zentaro-tashiroi** (Japan) 1910 (disc by Zentaro Tashiro 1909 & nah);

desc *variety*:

(Cotyledon malacophylla var) **boehmeri** (Japan) 1902 (na L Boehmer) —> **Orostachys boehmeri** by H Hara 1935.

Malaisse, (Prof) (Dr) François P (21 Jan 1934–); {Malaisse}; Belgian botanist; dir of herbarium & prof of veterinary medicine at Univ of Zaire, Lubumbashi; prof of agronomic sciences, Gembloux, Belgium;

desc *species*:

(Ceropegia) **kundelunguensis** (Zaire) 1984,
(Ceropegia) **muzingana** (Zaire) 1984 (na Muzinga Yumba),
(Cyphostemma) **kundelunguense** 1982,
(Cyphostemma) **vandenbergheae** [w M Matamba] 1990,
(Monadenium) **bianoense** [w JM Lecron] (Zaire) 1995,
(Monadenium) **bodenghieniae** [w JM Lecron] (Zaire) 1995 (na ? Bodenghien),
(Monadenium) **clarae** [w JM Lecron] (Zaire) 1990 (na Claire Schaijes),
(Monadenium) **cupricola** [w JM Lecron] (Zaire) 1990,
(Monadenium) **dilunguense** [w JM Lecron] (Zaire) 1995,
(Monadenium) **hedigerianum** [w JM Lecron] (Zaire) 1990 (na A Hediger),
(Monadenium) **kundelunguense** (Zaire) 1987,
(Monadenium) **mamfwense** [w JM Lecron] (Zaire) 1995,
(Monadenium) **schaijesii** (Zaire) 1986 (na M Schaijes);

desc *variety*:

(Monadenium pudibundum var) **rotundifolium** [w JM Lecron] (Zaire) 1995.

Malcomber, Simon T;

disc *species*:

(Aloe) **martialii** [w others] (Mada) 1992 (desc by J-B Castillon 2010 & na H Martial Castillon).

†**Malherbe**, Marthinus [Maarten] L (1885–13 Mar 1976); RSA nurseryman & amateur botanist; creator & owner of *Sheilam Cactus Gardens* nursery in Robertson, RSA 1936~; designed succ garden at Soekershof Walkabout 1965; explored & collected in RSA; introduced cacti & other Amer succ in RSA 1910; spouse Molly [née Darling] Malherbe (–1994);

***species* nah:**

(Nananthus) **malherbei** (Cape) (desc & nah by HML Bolus 1938 & disc by ML Malherbe 1935) —> **Aloinopsis malherbei** by HML Bolus 1948;

disc *species*:

(Haworthia) **comptoniana** (Eastern Cape) (desc by GG Smith 1945 & na RH Compton) —> **Haworthia emelyae** var **comptoniana** by JD Venter & SA Hammer 1997.

†**Mallery**, Thomas Dwight (12 Sep 1901–9 Dec 1995); US; research assistant at Univ of Wisconsin; assistant to F Shreve at Carnegie Institution of Washington DC w WV Turnage & RR Humphrey;

Book [1941] *An Analysis of Rainfall in the Sonoran Desert & Adjacent Territory* [w WV Turnage] DC; Eng; 45p; [Carnegie Institution of Washington DC Publication No. 529].

Mallory, Peter & Frances;

Book [1986] *A Redoute Treasurey of 468 Watercolours from Les Liliacees of Pierre-Joseph Redoute* NYC; Eng; 228p.

†**Malme**, [né Andersson, ≈1891] (Dr) Gustaf Oskar Andersson (24 Oct 1864–5 Mar 1937); {Malme}; Swedish botanist & lichenologist; PhD at Uppsala Univ 1892; curator of botany at Stockholm Riksmuseum 1895–1901 & 1903–05; explored in S Amer 1892–94 & in Argentina & Paraguay 1901–03; lecturer in biology & chemistry at Norrmalm, Stockholm 1905–11 & at Stockholm Teachers College 1911~;

Book [1900] *Die Asclepidiaceen des Regnell'schen Herbars* Stockholm, Sweden; Swedish; 101p;

desc *species*:

(Corytholoma) **defoliatum** (Brazil) 1937 —> **Sinningia defoliata** by A Chautems 1990.

Mandaville, (Dr) James [Jim] P, Jr: Saudi Arabian naturalist & botanist; works at Aramco's Government Relations Dept, Dhahran, Saudi Arabia; PhD at Univ of Arizona 2004;

disc *species*:

(Desmidorchis) **impostor** (Oman) 1975 (desc by HA Jonkers 2010).

†**Mandeville**, (Sir) Henry John (1773–16 Mar 1861); British diplomat & gardener; diplomat in Buenos Aires, Argentina c1837;

***genus* nah:**

Mandevilla (Tropical Amer) (desc & nah by J Lindley 1840).

Mandralisca, (Baron) E Piraino of — See **Piraino**, E.

Mangelsdorff, Ralph Daniel (1958–); {Mangelsdorff}; Ger; collected in Mada & Yemen;

***species* nah:**

(Euphorbia) **mangelsdorffii** (Mada) (desc & nah by WHH Rauh 1998);

desc *species*:

(Aloe) **ankaranensis** [w WHH Rauh] (Mada) 2000,

(Ceropegia) **yemenensis** [w U Meve] (Yemen) 2001,

(Euphorbia) **analavelonensis** [w WHH Rauh] (Mada) 2000,

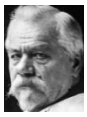
(Euphorbia) **bemarahaensis** [w WHH Rauh] (Mada) 1999;

transfer *species*:

"Ceropegia powysii" (DV Field 1982) —> **Ceropegia arabica** var **powysii** [w U Meve] 2001;

desc *subsp*:

(Aloe prostrata ssp) **pallida** [w WHH Rauh] (Mada) 2000.



†**Mangin**, Louis Alexandre (8 Sep 1852–27 Jan 1937); French prof at Natural History Museum, Paris, France1904–31;

***species* nah:**

(Kalanchoe) **manginii** (Mada) (desc & nah by Raymond-Hamet & JMH Perrier de la Bathie 1912).

†**Manicus**, HT;

Book [1926] *Kaktus Kultur og Pleje* Kobenhavn; 64p.

Manke, Elisabeth; Ger horticulturist;

Book [1990] *Stacheliges Allerlei (Kakteenbuch)* [w S Kunath] Berlin, Ger; 112p w 29 color photos,

[1996] *Kakteen – Sukkulenten* Munchen, Ger; 99p,

[1998] *Das BLV Kakteen Buch*; Ger; 159p w 283 color photos; (Eng version [1998] = Cactus: The Most Beautiful Species & Their Care" NYC; Eng; 160p),

[2000] *Kakteen & other Sukkulenten*; Ger

[2003] *Cactees*; French; 160p.

†**Mann**, Harry D (–1988); Eng member of Leicester Branch; joined NCSS 1966~; BCSS Fellow 1984;
Book [1975] *What's in a Name?* London, Eng; Eng; 90p.

Mann, H-G;
B**ook** [1977] *Kakteen und Andere Schone Sukkulenten* Berlin, Ger.

Mann, John; Australian agriculturist & entomologist; dir at Alan Fletcher Research Station, Sherwood, Brisbane, Australia; worked on developing a biological solution to the prickly pear cactus invasion in Australia;
Book [1967] *The Harrisia Cactus* Brisbane, Australia; Eng; 14p,
[1969] *Cactus Feeding Insects & Mites* DC; Eng; 158p,
[1970] *Cacti Naturalised in Australia and Their Control* Queensland, Australia; Eng;128p.

Manning, John Charles (24 Mar 1962–); {J.C.Manning}; RSA bot scientist, artist & photographer; research scientist at Compton Herbarium, National Bot Institute, RSA 1989~; works at Kirstenbosch Natl Bot Garden, Cape Town, RSA; researcher {w Peter Goldblatt] on Iridaceae; writer on wildflowers of s Africa;
Book [2000] *Wildflowers of the Fairest Cape* [w P Goldblatt] Cape Town, RSA; 315p,
[2001] *Succulents of Southern Africa: A First Field Guide* Cape Town, RSA; 57p,
[2004] *Photographic Guide to the Wildflowers of S Africa*, 352p w 930 color photos,
[2008] *Namaqualand (Eco Guide)* Pretoria, RSA; Eng; 128p;
[2012] *The Haworthia Nomenclator: A list of Accepted Species with some Guidelines for Infraspecific Names* [w MB Bayer] Claremont, RSA; Eng; 24p; (revised 2013);
desc *species*:
(Trachyandra) **aridimontana** (Northern Cape) 1990.

†**Manning**, Reginald [**Reg**] West (5 Apr 1905–10 Mar 1986); US 1951 Pulitzer Prize newspaper editorial cartoonist at *'Arizona Rep'* 1926–76; member of BoD at Arizona Desert Bot Garden; spouse Ruth E [née Littlefield] Manning (1906–17 Feb 2004);
Book [1941] *What Kinda Cactus Izzat?* NYC; Eng; 108p w 109 cartoon illustrations.

†**Mannoni**, Jacques Dominique Octave (29 Aug 1899–30 Jul 1989); {Mannoni}; French philosopher & psychoanalyst; prof of philosophy at Lycée Galieni, Tananarive, Mada 1926–45; prof of philosophy in Paris 1962; collected in Mada 1941–44; specialized in Kalanchoe; spouse Maud Mannoni;
desc *species*:
(Kalanchoe) **pseudocampanulata** [w P Boiteau] (Mada) 1947,
(Kalanchoe) **rhombopilosa** [w P Boiteau] (Mada) 1947,
(Kalanchoe) **serrata** [w P Boiteau] (Mada) 1947.

Mansfeld, Peter A; Ger economist; freelance as a management consultant;
Book [1979] *Kleine Tips für den Kakteenliebhaber* Rostock; 24p,
[2012] *Alles über Sansevieria:Handbuch über Herkunft, Anzucht und Pflege*,
[2013] *Die Gattung Sansevieria: Alle Arten und ihre Pflege* Hamburg.

†**Mansfeld**, (Dr) Rudolf (17 Jan 1901–30 Nov 1960); {Mansf.}; Ger botanist; student of HGA Engler w PhD at Berlin Univ 1924; prof at Berlin-Dahlem 1926–43 & at Institut für Kulturpflanzenforschung Gatersleben 1946~;
desc *species*:
(Euphorbia) **weberbaueri** (Cajamarca) 1931 (disc by A Weberbauer 1904 & nah).

Mansfield, TC;
Book [1942] *Alpines in Colour & Cultivation* London, Eng; Eng; 276p + 80 color plates; (includes Crassula, Lewisia, Sedum, Sempervivum & Senecio).

†**Manticus**, (Dr) HT;
Book [1926] *Kaktus Kultur Og Pleje* Copenhagen, Denmark; Danish; 64p.

Marais, (Prof) (Dr) Elizabeth Maria (16 Oct 1945–); {E.M.Marais}; RSA botanist;
MSc at Stellenbosch Univ, RSA 1981 & lecturer 1983~; collected in RSA & Namibia;
Book [2000] *Taxonomic Studies in Pelargonium Section Hoarea*; 358p;
desc *species*:
(Pelargonium) **aciculatum** (Western Cape) 1991,
(Pelargonium) **aestivale** (Western Cape, Eastern Cape) 1995,
(Pelargonium) **angustipetalum** (Namibia, Northern Cape) 1999,
(Pelargonium) **aridicola** (Northern Cape) 1997,
(Pelargonium) **confertum** (Northern Cape) 1991,
(Pelargonium) **connivens** (Western Cape) 1991,
(Pelargonium) **curviandrum** (Western Cape) 1994,
(Pelargonium) **ellaphieae** (Western Cape) 1981 (na Ellaphie Ward-Hilhorst),
(Pelargonium) **fasciculaceum** (Western Cape) 1991,
(Pelargonium) **githagineum** (Northern Cape) 1998,
(Pelargonium) **glabriphyllum** (Northern Cape) 1996,
(Pelargonium) **hirtipetalum** (Northern Cape) 1997,
(Pelargonium) **nephrophyllum** (Western Cape) 1992,
(Pelargonium) **parvipetalum** (Northern Cape) 1999,
(Pelargonium) **pubipetalum** (Northern Cape) 1997,
(Pelargonium) **quarciticola** [w U Meve] (Western Cape) 2000,
(Pelargonium) **reflexipetalum** (Western Cape) 1997,
(Pelargonium) **rubiginosum** (Northern Cape) 1999,
(Pelargonium) **torulosum** (Western Cape) 1990,
(Pelargonium) **triandrum** (Western Cape) 1994,
(Pelargonium) **tripalmatum** (Northern Cape) 1996,
(Pelargonium) **vinaceum** (Namibia, Northern Cape) 2001;
transfer *species*:
"Hoarea trifoliolata" (CF Ecklon & CLP Zeyher 1835) —> **Pelargonium trifoliolatum** 1993;
transfer *variety*:
"Pelargonium hirsutum var carneum" (WH Harvey 1860) —> **Pelargonium auritum** var **carneum** 2001.

Marais, Wessel (28 Dec 1929–2013); {Marais}; RSA botanist; MSc at Pretoria Univ 1951;
curator at Albany Museum Herbarium, Grahamstown, RSA 1953-55; to Eng 1957;
worked at Kew 1957–65 & at Kew Herbarium 1968~;
desc *species*:
(Delosperma) **bosseranum** (Mada) 1979 (na JM Bosser),
(Lomatophyllum) **aldabrense** (Aldabra Archipelago of Seychelles Islands) 1975 —> **Aloe aldabrensis** by LE Newton & GD Rowley 1997,
(Lomatophyllum) **tormentorii** (Mauritius) 1975 —> **Aloe tormentorii** by LE Newton & GD Rowley 1997,
(Sesuvium) **ayresii** (Mada) 1978 (na T Ayres);
transfer *species*:
“Buphane fischeri” (JG Baker 1898) —> **Sansevieria fischeri** 1986.

†**Marcano**, [Marcano Fondeur,] Eugenio de Jesus (27 Sep 1923–18 Sep 2003); Dominican Rep naturalist, botanist & scientist; prof at Univ of Santo Domingo 1955~; spouse Consuelo [née Martinez] Marcano;
disc *species*:
(Pereskia) **marcanoi** (Dominican Republic) (desc & nah by AE Areces-Mallea 1992).

†**Marcgrave**, [Marcgraf, Markgraf, Marggraf,] Georg (20 Sep 1610–1644); {Marcgr.}; Ger naturalist, astronomer, zoologist & cartographer; to Brazil 1638~; collected in Brazil w Willem Piso (1611–28 Nov 1678) for Dutch West India Company;
Book [1648] *Historia Naturalis Brasiliae Comprising de Medicina Brasiliensi (by W Piso) & Historiae Rerum Naturalium Brasiliae (by G Markgrave), edited by J Laet, Amsterdam 1648* Sao Paulo, Brazil;
297p w 436 woodcuts (106 botanical); (includes c&s, some illustrated).

March, Ken; British horticulturist & journalist; manager of Rochford's Nursery;
dir of Bloom's Nurseries, Bressingham, Eng;
Book [1981] *Adrian Bloom's Guide to C&S* Norwich, Eng; Eng; 33p w 49 color photos,
[1988] *C&S* London, Eng; Eng; 48p w 49 color photos.

Marchand, Giles; manager of Stapelieae collection at Marnier-Lapostolle's bot garden "Les Cedres" near Nice, France;
***species* nah:**
(Echidnopsis mijerteina var) **marchandii** (Somalia) (desc & nah by JJ Lavranos 1974 & disc by JJ Lavranos 1971).

Marchand, (Dr) Peter J (26 Jun 1943–); US field biologist in Arizona;
PhD in plant ecology at Univ of New Hampshire 1975;
Book [1994] *What Good Is A Cactus?*; Eng; 22p; (a children's book).

Marchesi, (Prof) Eduardo Hector (4 Mar 1943–); {Marchesi}; Montevideo, Uruguay;
desc *species*:
(Notocactus) **allosiphon** (Uruguay) 1972 (disc by him 1966) —> **Parodia allosiphon** by NP Taylor 1987;
disc *variety*:
(Notocactus scopa var) **marchesii** (Uruguay) (desc & nah by W-R Abraham 1989) —> **Parodia scopa** ssp **marchesii** by A Hofacker 1998.

Mare, GS; RSA; principal sheep & wool research officer,
Division of Animal & Crop Production, Pretoria, RSA;
Book [1942] *Cactus & Oldman Saltbush as Feed for Sheep* [w HC Bonsma] Pretoria, RSA; Eng; 72p.

†**Marggraf**, M; Ger horticulturist; manager & garden supervisor at horticultural research institute in Geisenheim, Ger;
Book [1932] *Anzucht und Pflege der Kakteen und Sukkulenten* Wiesbaden, Ger; Ger; 58p.

†**Marie-Victorin**, [né Joseph Louis Conrad Kirouac,] (Dr) Frère
(4 Apr 1885–15 Jul 1944); {Vict.}; Canadian clergyman & botanist; DSc at Univ de Montréal 1922;
high school teacher ≈1920; prof at Faculty of Sciences, Univ de Montréal 1920~;
first author to provide chromosome numbers in a flora;
Book [1942] *Itineraires Botaniques Dans L'Ile de Cuba* [w JSS Leon]; French; 496p.

†**Markgraf**, (Prof) (Dr) Friedrich (1 Feb 1897–8 Mar 1987); {Markgr.}; Ger botanist & phytogeographer; PhD at Berlin Univ 1922 (student of HGA Engler & FLE Diels); prof at Bot Museum, Berlin-Dahlem 1921–43 & at Müncheberg 1943–45; prof of botany & dir of bot garden at Zürich 1958–67;
species **nah:**
(Brasilicereus) **markgrafii** (Minas Gerais) (desc & nah by C Backeberg & O Voll 1950);
✪desc *species*:
(Setcreasea) **hirsuta** (Mex) 1952.

†**Markl**, Josef;
Book [1935] *Katalog Kaktusu*; Czech; 20p.

Markrave, G — See Marcgraf, G.

Marks, Herman (fl. 1940–1960); US; cactus hobbyist in Salinas, Calif; travel supporter of F Ritter & traveling companion of F Schwarz;
species **nah:**
(Mamm) **marksiana** (Durango, Sinaloa) (desc & nah by H Krainz 1948).

†**Marloth**, (Prof) (Dr) Hermann Wilhelm **Rudolf** [Rudolph] (28 Dec 1855–15 May 1931); {Marloth}; Ger pharmacist, analytical chemist & amateur botanist; PhD at Rostock 1883; to Cape Town, RSA 1883; prof of chemistry at Univ of Stellenbosch (Victory College), RSA 1889–92; field collector; started a herbarium; student of Lithops & Euphorbia; honorary doctorates from Stellenbosch 1922, Heidelberg 1929 & Cape Town 1929; nature reserve in Mpumalanga township nah; Senior Capt Scott Medal award 1923; honorary life member of Bot Soc of S Africa 1926; spouse M Marloth;
Book [1908] *Das Kapland* (study of the Cape region) Jena; Ger; 436p w 28 leaves of plates,
[1913–32] *The Flora of S Africa w Synopical Tables of the Genera of Higher Plants*; (in 4 Vols);
[1913] Vol 1; 264p w 65 plates (36 colored);
[1915] Vol 4; 208p w 60 plates (42 colored);
[1925] Vol 2, Part 1; 120p w 42 plates (24 colored);
[1925] Vol 2, Part 2; 152p w 38 plates (28 colored),
[1932] Vol 3 (in 2 parts); 349p w 78 plates (50 colored); (pub after his death by son BW Marloth & IB Pole-Evans & MR Levyns),
[1917] *Dictionary of the Common Names of Plants* Cape Town, RSA; Eng; 175p,
[1929] *Mesemb (Stone Shaped Plants)* Cape Town; Eng; 8p w 4 color plates;
genus **nah:**
Marlothistella (desc & nah by MHG Schwantes 1928);
species **nah:**
(Anacampseros) **marlothii** (Northern Cape) (desc & nah by JKL von Poellnitz 1928),
(Cheiridopsis) **marlothii** (Little Namaq) (desc & nah by NE Brown 1926,
(Cotyledon) **marlothii** (Western Cape) (desc & nah by S Schonland 1915) —> **Adromischus filicaulis** ssp **marlothii** by HR Tolken 1978,
(Gibbaeum) **marlothii** (Cape) (desc & nah by NE Brown 1928),
(Mesemb) **marlothii** (Namibia) (desc & nah by FA Pax 1889) —> **Brownanthus marlothii** by MHG Schwantes 1927,
(Odontophorus) **marlothii** (Namaq) (desc & nah by NE Brown 1927),
(Schwantesia) **marlothii** (Little Namaq) (desc & nah by HML Bolus 1932),
(Trichocaulon) **marlothii** (Namibia, Northern Cape) (desc & nah by NE Brown 1909 & disc by MK Dinter 1897) —> **Larryleachia marlothii** by DCH Plowes 1996,
(Trichodiadema) **marlothii** (Western Cape) (desc & nah by HML Bolus 1928);

disc *species*:

(Aloe) **excelsa** (Mozambique, Malawi, Zambia, Zimbabwe, Limpopo) 1903 (desc by A Berger 1906),

(Aloe) **marlothii** (Mozambique, Botswana, Natal, Mpumalanga, Gauteng, Limpopo, North-West, Swaziland) 1905 (desc & nah by A Berger 1905),

(Caralluma) **longipes** (Northern Cape) c1905 (desc by NE Brown 1909) —> **Vadulia longipes** by DCH Plowes 2003,

(Conophytum) **hians** (Namaq) (desc by NE Brown 1927),

(Conophytum) **kubusanum** (Namaq) (desc by NE Brown 1927),

(Conophytum) **marlothii** (Namaq) (desc & nah by NE Brown 1927) —> **Conophytum jucundum** ssp **marlothii** by SA Hammer 2001,

(Conophytum) **pellucidum** (Namaq) (desc by MHG Schwantes 1927),

(Euphorbia) **albertensis** (Western Cape) c1909 (desc by NE Brown 1915),

(Euphorbia) **bergii** (Free State, Northern Cape) (desc by BL Sloane, AC White & RA Dyer 1941 & na PJ Bergius),

(Euphorbia) **enormis** (Limpopo) 1912 (desc by NE Brown 1915),

(Euphorbia) **griseola** (Limpopo, Botswana, Zimbabwe) c1900 (desc by LC Leach 1904),

(Euphorbia) **marlothiana** (Western Cape) c1912 (desc & nah by NE Brown 1915),

(Euphorbia) **multiceps** (Western Cape) c1904 (desc by A Berger 1905),

(Euphorbia) **stolonifera** (Western Cape) 1920 (desc by BL Sloane, AC White & RA Dyer 1941),

(Euphorbia) **verruculosa** (Greater Namaq) c1914 (desc by NE Brown 1915),

(Huernia) **pillansii** [w NS Pillans] (Western Cape, Eastern Cape) 1904 (desc & na NS Pillans by NE Brown 1904),

(Mesemb) **calculus** (Cape) (desc by A Berger 1908) —> **Conophytum calculus** by NE Brown 1922,

(Mesemb) **prismaticum** (Western Cape) 1917 (desc by MHG Schwantes 1919) —> **Tanquana prismatica** by HEK Hartmann & SL Liede 1986,

(Mesemb) **pubescens** (Western Cape) (desc by AH Haworth 1795) —> **Gibbaeum pubescens** by NE Brown 1922,

(Mesemb) **saxetanum** (Great Namaq) c1910 (desc by NE Brown 1920) —> **Conophytum saxetanum** by NE Brown 1922,

(Sarcocaulon) **marlothii** (Namibia) (desc & nah by HGA Engler 1889 & disc by HWR Marloth) —> **Monsonia marlothii** by F Albers 1996,

(Stapelia) **surrecta** (Northern Cape, Western Cape) c1905 (desc by NE Brown 1909),

(Titanopsis) **calcarea** (Free State, Northern Cape, North-West) 1907 (desc by MHG Schwantes 1926);

(Trichocaulon) **pictum** (Namibia Botswana) c1908 (desc by NE Brown 1909) —> **Larryleachia picta** by DCH Plowes 1997,

(Trichocaulon) **rusticum** (Cape) (desc by NE Brown 1909);

desc *species*:

(Aloe) **comosa** [w A Berger] (Western Cape) 1905,

(Aloe) **haemanthifolia** [w A Berger] (Western Cape) 1905,

(Aloe) **krapohliana** (Northern Cape, Western Cape) 1908 (disc by HC Krapohl & nah),

(Aloe) **muirii** (Western Cape) 1929 (na J Muir) —> **Aloe lineata** var **muirii** by GW Reynolds 1950,

(Anacampseros) **albissima** (Namibia, RSA) 1912 —> **Avonia albissima** by GD Rowley 1994,

(Cotyledon) **campanulata** (Eastern Cape) 1907 (disc by him),

(Cotyledon) **marianiae** (Northern Cape, Western Cape) 1907 (na M Marloth) —> **Adromischus marianiae** by A Berger 1930,

(Cotyledon) **phillipsiae** (Western Cape) 1907 (na DSF Phillips) —> **Adromischus phillipsiae** by JKL von Poellnitz 1940,

(Crassula) **alstonii** (Northern Cape) 1910 (na EG Alston),

(Crassula) **columella** [w S Schonland] (Northern Cape) 1929,

(Crassula) **garibina** [w S Schonland] (Namaq) 1929,

(Crassula) **hottentotta** [w S Schonland] (Namibia, Northern Cape) 1929 —> **Crassula sericea** var

hottentotta by HR Tolken 1975,
(Euphorbia) **crassipes** (Western Cape) 1909 (disc by him c1908),
(Euphorbia) **esculenta** (Eastern Cape) 1909 (disc by him),
(Euphorbia) **ferox** (Eastern Cape) 1913 (disc by him),
(Euphorbia) **filiflora** (Namaq)1913 (disc by HJC Krapohl c1910),
(Euphorbia) **fusca** (Namibia, Northern Cape) 1912 (disc by him c1910),
(Euphorbia) **gregaria** (Namibia, Northern Cape) 1910 (disc by him c1909),
(Euphorbia) **hottentota** (Northern Cape, Namibia) 1930 (disc by him),
(Euphorbia) **hypogaeae** (Western Cape) 1910 (disc by him c1909),
(Euphorbia) **lignosa** (Great Namaq) 1909 (disc by him c1908),
(Euphorbia) **namibensis** (Great Namaq) 1909 (disc by him c1908),
(Euphorbia) **polycephala** (Eastern Cape) 1931 (disc by HW Shoesmith),
(Euphorbia) **pseudoglobosa** (Western Cape) 1929 (disc by J Muir 1928),
(Euphorbia) **pulvinata** (Eastern Cape, Free State, Lesotho) 1909 (disc by EE Galpin 1907),
(Euphorbia) **sagittaria** Northern Cape) 1930 (disc by him) —> **Euphorbia avasmontana** var **sagittaria** by AC White, BL Sloane & RA Dyer 1941,
(Euphorbia) **susannae** (Western Cape) 1929 (disc by Susanna Muir 1925 & nah),
(Euphorbia) **venenata** (Namibia) 1930 (disc by him),
(Euphorbia) **wilmaniae** (Northern Cape) 1931 (disc by M Wilman & nah),
(Haworthia) **chalwinii** [w A Berger] (RSA) 1906 (disc by him 1905 & na ? Chalwin),
(Haworthia) **granulata** (Western Cape, Northern Cape) 1910 —> **Haworthia venosa** ssp **granulata** by MB Bayer 1976,
(Haworthia) **limifolia** (Mozambique, Swaziland, Mpumalanga, Natal) 1908,
(Mesemb) **bilobum** (Namaq) 1907 —> **Conophytum bilobum** by NE Brown 1922,
(Mesemb) **calcareum** (Northern Cape, Free State, North-West) 1907 —> **Titanopsis calcarea** by MHG Schwantes 1926,
(Mesemb) **cinereum** (Namibia) 1910 —> **Namibia cinerea** by MK Dinter & MHG Schwantes 1927,
(Mesemb) **deserticola** (Namaq) 1910 —> **Juttadinteria deserticola** by MHG Schwantes 1926,
(Mesemb) **lapidiforme** (Western Cape) 1914 (disc by EG Alston) —> **Didymaotus lapidiformis** by NE Brown 1926,
(Mesemb) **mitratum** (Little Namaq) 1910 —> **Mitrophyllum mitratum** by MHG Schwantes 1926,
(Mesemb) **namibense** (Namibia) 1910 —> **Brownanthus namibensis** by AA Bullock 1937,
(Mesemb) **opticum** (Namibia) 1910 (disc by him 1909) —> **Lithops optica** by NE Brown 1922,
(Othonna) **clavifolia** (RSA, Namibia) 1910,
(Ruschia) **androsacea** [w MHG Schwantes] (Northern Cape) 1928 —> **Antimima androsacea** by HEK Hartmann 1998,
(Stapelia) **albocastanea** (Namibia) 1913 (disc by MK Dinter 1911) —> **Orbea albocastanea** by PV Bruyns 2001,
(Stapelia) **flavopurpurea** (Northern Cape, Botswana, Namibia) 1907 (disc by him ≈1907),
(Trichocaulon) **meloforme** (Great Namaq, Cape) 1912 (disc by him) —> **Larryleachia meloformis** by DCH Plowes 1996;
disc *variety*:
(Euphorbia mauritanica var) **lignosa** (Namaq) (desc by BL Sloane, AC White & RA Dyer 1941),
(Euphorbia mauritanica var) **namaquensis** [w WH Pearson] (Namaq) (desc by NE Brown 1915).

†**Marloth**, [née van Wyk] Marian; RSA; spouse HWR Marloth;
***species* nah:**
(Cotyledon) **marianiae** (Northern Cape, Western Cape) (desc & nah by HWR Marloth 1907) —> **Adromischus marianiae** by A Berger 1930,
(Mesemb) **marianae** (Cape) (desc & nah by HML Bolus 1923) —> **Ruschia marianae** by MHG Schwantes

1949.

†**Marnier-Lapostolle**, **Julien** Louis Eugene (24 May 1902–10 Feb 1976); {Marn.-Lap.}; French wine merchant industrialist & horticulturist; owner of Grand Marnier Company & of ***Jardin Botanique Lès Cedres*** bot garden in Saint-Jean-Cap-Ferrat, France (founded by father Alexandre Marnier-Lapostolle in 1924); interested in succ of RSA & Mada; pres of French Cactus Soc; founding member of IOS 1950 & honorary member 1978; CSSA Fellow award 1974;
first spouse Anne Therese Marnier-Lapostolle; second spouse S Marnier-Lapostolle;
Book [1936] *Liste Des Plantes Existent en Septembre 1936 a la Villa "Les Cèdres"*; French; 24p,
[1949] *Liste des Plantes Grasses (Sauf Cactées du Jardin Botanique des Cèdres)* Paris, France; French; 47p,
[1950] *Liste des Cactées (du Jardin Botanique des Cèdres)* Paris; French; 42p,
[1964] *Le Genre Kalanchoe au Jardin Botanique "Les Cèdres"* [w Raymond-Hamet] Paris; French; 110p + 37 plates;
genus **nah:**
Marniera (Costa Rica, Chiapas) (desc & nah by C Backeberg 1950) (syn of Selenicereus B&R);
species **nah:**
(Alluaudiopsis) **marnieriana** (desc & nah by WHH Rauh 1961),
(Crassula) **marnierana** (Western Cape) (desc & nah by HFJ Huber & HJH Jacobsen 1951) —> **Crassula rupestris** ssp **marnieriana** by HR Tolken 1975,
(Cynanchum) **juliani-marnieri** (Mada) (desc & nah by BM Descoings 1971),
(Cynanchum) **marnierianum** (Mada) (desc & nah by WHH Rauh 1970),
(Huernia) **marnieriana** (Yemen) (desc & nah by JJ Lavranos 1963),
(Kalanchoe) **marnieriana** (Mada) (desc & nah by HJ Jacobsen 1954),
(Sedum) **marnieri** (India, Nepal) (desc & nah by H Ohba 1974) —> **Rosularia alpestris** ssp **marnieri** by UV Eggli 1988,
(Senecio) **marnieri** (Mada) (desc & nah by J-H Humbert 1963),
(Seyrigia) **marnieri** (Mada) (desc & nah by M Keraudren 1967);
desc ***species*****:**
(Ceropegia) **leroyi** [w WHH Rauh] (Mada) 1964 (disc by I Leroy & nah),
(Euphorbia) **cylindrifolia** [w WHH Rauh] (Mada) 1961,
(Stapeliopsis) **ballyi** (Somalia) 1959 (na PRO Bally) —> **Echidnopsis ballyi** by PRO Bally 1963;
desc ***variety*****:**
(Euphorbia milii var) **roseana** (Mada) 1962.

Marnier-Lapostolle, Suzanne [**Suzy**]; honorary member of IOS 1978;
collected some w W Rauh; spouse JLE Marnier-Lapostolle;
species **nah:**
(Euphorbia) **suzannae-marnierae** (Mada) (desc & nah by WHH Rauh & H Petignat 1996).

†**Marrable**, (Dr med) HT; British physician;
Book [1935] *Cactus Growing for Beginners* [w V Higgins] London; Eng; 84p; (this & 1943 edition reprinted several times).

Marrero Rodriguez, Aguedo (1953–); {Marrero Rodr.}; Spain; MSc of Environmental Engineering at ULPGC-ULL; Researcher and head of Dept of Plant Systematics & Conservator of LPA Herbarium; representiative of Canary Botanic Garden Viera y Clavijo as a fournder & member of Ibero Macaronisian Herbariium Association;
desc ***species*****:**
(Dracaena) **tamaranae** [w RS Almeida & M Gonzalez-Martin] (Gran Canaria in Canary Islands) 1998.

Marriott, Alice; US;
Book [1971] *Peyote (An Account of the Origins & Growth of the Peyote Religion)* [w CK Rachlin] NYC; 111p.

Marsden, Cyril; London, Eng; BSc in chemistry; industrial scientist; cactus specialist;
Book [1955] *Grow Cacti (A Practical Handbook)* London, Eng; Eng; 172p,
[1957] *Mamm (Cultivation & Characteristics)* London; Eng; 407p,
[1968] *Rebutia (Including Aylostera & Sulcorebutia* [w HS Jackson] London; Eng; 100p w 14 color plates.

†**Marsden**, Wm (16 Nov 1754–6 Oct 1836); {Marsden}; Irish orientalist;
secretary to British Admiralty 1795~; explored in Indonesia; spouse Elizabeth [née Wilkins] Marsden;
genus **nah:**
Marsdenia (Worldwide in frost free regions) (desc & nah by R Brown 1810).

Marsh, Ken;
Book [1983] *Adrian Bloom's Guide to C&S* Norwich, Eng; Eng; 32p w 50 color photos.

†**Marshall**, Wm **Taylor** (5 May 1886–25 Aug 1957); {W.T.Marsh.};
US botanist & cactus researcher; third dir of Desert Bot Garden in Phoenix, Arizona 1946~;
founded & edited *Saguaroland Bulletin* of the Arizona Cactus & Native Flora Soc in Phoenix 1949~;
writer & explorer; expeditions to Lower Calif, Mex & West Indies; pres of CSSA 1938–41;
CSSA Fellow award 1941; spouse Therese Marshall;
Book [1938] *Glossary of Succ Plant Terms* [w RS Woods] Los Pasadena, Calif; Eng; 112p,
[1940] *A Contribution for a Better Understanding of Xerophytic Plants* Los Angeles; Eng; 15p,
[1941] *Cactaceae* [w TM Bock as illustrator of 146 drawings] Los Angeles; Eng; 227p; (supplement to 4 Vols of *The Cactaceae* by NL Britton & JN Rose 1919–23),
[1945] *Glossary of Succ Plant Terms* [w R Woods] Pasadena,
[1945] *Succ Plants* Portland, Oregon; Eng; 114p + 20 stereoscopic reels containing 140 pictures,
[1946] *C&S; Eng; 15p,*
[1950] *Arizona's Cactuses* Phoenix, Arizona; Eng; 111p,
[1956] *Intro to Desert Plants* Phoenix; Eng; 49p;
genus **nah:**
Marshallocereus (sw US, Mex, Costa Rica) (desc & nah by C Backeberg 1950) (syn of Stenocereus RICCOBONO);
desc *genus*:
Neoevansia 1941 (syn of Peniocereus B&R);
desc *species*:
(Echinocereus) **bristolii** (Sonora) 1938 (disc by WT Marshall & B Bristol 1934 & nah),
(Echinocereus) **chisoensis** (Texas) 1940 (disc by F Radley 1939),
(Echinocereus) **stoloniferus** (Sonora) 1938 (disc by F Radley, H Bettencourt & ? Parsons),
(Echinocereus) **tayopensis** [w H Sanchez-Mejorada] (Sonora, Chihuahua) 1956 (disc by DB Gold & H Sanchez-Mejorada 1956) —> **Echinocereus stoloniferus** ssp **tayopensis** by NP Taylor 1997,
(Mamm) **tobuschii** (Texas) 1952 (disc by WT Marshall & ER Blakley 1952 & na H Tobusch) —> **Sclerocactus brevihamatus** ssp **tobuschii** by NP Taylor 1995;
transfer *species*:
"Cactus chlorocarpus" (CS Kunth 1823) —> **Browningia chlorocarpa** 1945,
"Cereus microspermus" (E Werdermann & C Backeberg 1931) —> **Browningia microsperma** 1946,
"Echinocactus macdowellii" (FAL Quehl 1894) —> **Thelocactus macdowellii** 1947.

†**Marsoner**, Oreste; Argentinian cactus collector, at times with H Blossfeld;
***species* nah:**
(Echinopsis) **marsoneri** (Argentina) (desc & nah by E Werdermann 1932),
(Gymnocalycium) **marsoneri** (Argentina) (desc & nah by Y Ito 1957 & disc by AV Fric 1934);
disc *species*:
(Blossfeldia) **liliputana** [w H Blossfeld] (Argentina, Bolivia) 1936 (desc by E Werdermann 1937),
(Echinopsis) **chrysantha** [w AV Fric, CC Hosseus & E Stuemer] (Salta) 1930 (desc by E Werdermann 1931),
(Echinopsis) **chrysochete** (Bolivia, Argentina) 1934 (desc by E Werdermann 1936).

†**Martelli**, Niccolo (1735–1829); Italian; prof of botany at Univ of Rome;;
Book [1791] *Braschiae Plantae Novi Generis Descriptio, Nomini Majestatique Pii Sexti. P. M. Dicata (Crassulaceae)* Roma, Italy; 20p.

†**Martens**, (Prof) (Dr med) Martin (8 Dec 1797–8 Feb 1863); {M.Martens};
Belgium physician & botanist; prof of chemistry & botany at Catholic Univ of Louvain; studied ferns;
desc *species*:
(Commelina) **multiflora** [w HG Galeotti] (Mex to Nicaragua) 1842 —> **Callisia multiflora** by PC Standley 1925.

Martens, P;
Book [1959] *Structure et Ontongenese du cone et de la Fleur Femelles de Welwitschia mirabilis* France; French; 115p.

Martin, Margaret Joan; British research chemist w British Gas Company & amateur horticulturist; specialist in Echeveria & Echinopsis; worked w PR Chapman;
Book [1971] *Cacti & Their Cultivation* [w PR Chapman & HA Auger] London, Eng; Eng; 205p + 12 plates,
[1977] *Succ & Their Cultivation** London; Eng; 300p w 16p of illustrations,
[1982] *An Illustrated Guide to C&S** NYC; Eng; 160p w 126 color photos,
[1984] *Kakteen und Andere Sukkulenten von A bis Z** Stuttgart, Ger; Ger; 160p w 126 color photos,
[1988] *A Gardener's Guide to C&S**; Eng; 160p w 126 color photos,
[1989] *Successful Indoor Gardening — Exotic Cacti** London; Eng; 96p w 78 color photos.
[*w PR Chapman].

†**Martin**, [né Melisse, Jean Joseph] Raymond (14 Aug 1794–9 Jul 1867); French florist & owner of large cactus collection; spouse Therese Francoise Roubaud (19 Jun 1800–19 Aug 1855);
***species* nah:**
(Cereus) **martinii** (Argentina, Paraguay) (desc & nah by J Labouret 1854) —> **Harrisia martinii** by NL Britton 1917.

Martin, Wm C;
Book [1980] *A Flora of New Mex* [w CR Hutchins] Ger; 1,276p; Vol 1 of 2 Vols; (includes succ).

Martinelli, (Dr) Gustavo (1954–); Brazil biologist; PhD at St. Andrews 1995;
disc *species*:
(Rhipsalis) **olivifera** [w JE Simonis] (Rio de Janeiro, São Paulo) 1983 (desc by NP Taylor & DC Zappi 1997).

Martinez, [Martinez Salas,] Esteban [Ernesto] Manuel (1954–); {E. Martinez}; Mex; collected in Mex & Texas;
desc *species*:
(Agave) **petrophyla** [w AJ Garcia-Mendoza] (Oaxaca, Guerrero) 1998.

Martinez, Gisela Gallegos Hernández de; Mex; spouse JG Martinez-Avalos;
***species* nah:**
(Mamm) **giselae** (Tamaulipas) (desc & nah by JG Martinez-Avalos & CE Glass 1997 & disc by JG Martinez-Avalos & CE Glass 1995) —> **Mamm schiedeana** ssp **giselae** by JM Luthy 1998.

†**Martinez**, Manuel; Miahuatlan, Puebla;
disc *species*:
(Echeveria) **longissima** (Oaxaca) c1937 (desc by EE Walther 1938).

†**Martinez**, [Martínez,] (Dr hc) Maximino [Maximo] (30 May 1888–2 Jun 1964); {Martinez}; Mex botanist; founded Bot Soc of Mex 1941, pres 1941–44, secretary 1944~ & founder & editor of *Bulletin* of the Soc 14 yrs; honorary doctorate from Universidad Latinoamericana de la Habana, Cuba 1956;
desc *genus*:
Halosicyos (n Argentina) 1947;
***species* nah:**
(Lemaireocereus) **martinezii** (Sinaloa) (desc & nah by J Gonzalez Ortega 1928) —> **Stenocereus martinezii** by F Buxbaum 1961;
desc *species*:
(Halosicyos) **ragonesei** (Cordoba) 1947.

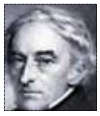
Martinez, [Martínez,] Esteban [Stephan]; Mex;
disc *species*:
(Jatropha) **stephanii** (Michoacan) c1991 (desc & nah by JJ Ramirez & MM Gordillo 1991).

Martinez, Mario;
Book [2004] *The Genus Turbinicarpus in San Luis Potosi* [w JM Sotomayor, FR Sanchez Barra & A Arredondo Gomez] Italian Cactus Soc; Eng; 147p.

Martinez Gallegos, Rodolfo; Mex; father JG Martinez-Avalos;
***species* nah:**
(Echeveria) **rudolfi** (Tamaulipas) (desc & nah by JG Martinez-Avalos & ? Mora-Olivo 2000).

Martinez-Avalos, [Martínez-Ávalos,] José Guadalupe (1965–); {Mart.-Aval.}; Mex; collected in Mex;
desc *species*:
(Echeveria) **rudolfi** [w ? Mora-Olivo] (Tamaulipas) 2000 (na Rodolfo Martinez Gallegos),
(Mamm) **giselae** [w CE Glass] (Tamaulipas) 1997 (disc by them 1995 & na Gisela GH de Martinez) —> **Mamm schiedeana** ssp **giselae** by JM Luthy 1998.

Martino, Lino Di;
Book [1998] *Echinocereus Special Issue by Cactus & Co.* Tradate, Italy; Italian/Eng; 114p.



†**Martius**, (Prof) (Dr med) Carl [Karl] Friedrich Philipp von (17 Apr 1794–13 Dec 1868); {Mart.}; Ger botanist, ethnologist & physician; MD at Univ of Erlangen, Ger 1814;
explored & collected in Brazil 1817–20; prof of botany 1826 & dir of bot gardens (founded 1812) in Munich, Ger 1832–54; founder of *Flora Brasiliensis* 1840;
Book [1829] *Hortus Regius Monacensis* [w F Schrank] Munich; 210p,
[1832] *Beschreibung einiger neuer Nopaleen*; (1981 reprint w 50p);

***species* nah:**

(Cereus) **martianus** (Oaxaca) (desc & nah by JG Zuccarini 1832) —> **Disocactus martianus** by WA Barthlott 1991;

desc *species*:

(Agave) **mitis** (San Luis Potosi, Hidalgo, Tamaulipas) 1848,
(Chorisia) **ventricosa** [w CGD Nees] (Argentina) 1823,
(Dioscorea) **macrostachya** [w HG Galeotti] (Vera Cruz) 1842,
(Echinocactus) **macrodiscus** (Oaxaca) 1832 —> **Ferocactus macrodiscus** by NL Britton & JN Rose 1922,
(Echinocactus) **pulchellus** (Mex) 1832 —> **Echinocereus pulchellus** by F Seitz 1870,
(Euphorbia) **phosphorea** (Brazil) 1828,
(Gesneria) **canescens** (Sao Paulo, Parana) 1829 —> **Sinningia canescens** by HJ Wiehler 1975,
(Gesneria) **sellowii** (Paraguay, Brazil, Argentina) 1829 (na F Sellow) —> **Sinningia sellowii** by HJ Wiehler 1978,
(Hypocyrta) **gracilis** (Brazil) 1829 —> **Codonanthe gracilis** by JLE Hanstein 1854,
(Hypocyrta) **strigillosa** (Minas Gerais) 1829 —> **Nematanthus strigillosus** by HE Moore 1973,
(Mamm) **crucigera** (Oaxaca) 1832,
(Mamm) **glochidiata** (Hidalgo) 1832,
(Mamm) **karwinskiana** (Oaxaca) 1832 (na WF von Karwinsky),
(Mamm) **mystax** (Puebla) 1832,
(Mamm) **polyedra** (Oaxaca) 1832 (disc by WF von Karwinsky 1832),
(Mamm) **polythele** (Hildalgo, Queretaro) 1832,
(Mamm) **pycnacantha** (Hidalgo, Puebla, Tlaxcala, Veracruz) 1932 —> **Coryphantha pycnacantha** by AC Lemaire 1868,
(Mamm) **sphacelata** (Puebla) 1832 (disc by WF von Karwinsky),
(Mamm) **vetula** (Hidalgo) 1832.

†**Martley**, JF (fl. 1932);

***species* nah:**

(Mesemb) **martleyi** (Western Cape) (desc & nah by HML Bolus 1932) —> **Lampranthus martleyi** by HML Bolus 1939.

†**Martyn**, (Prof) (Dr med) John [Joannis] (12 Sep 1699–29 Jan 1768); British apothecary, physician & botanist; FRS 1727; prof of botany at Cambridge Univ, Eng 1732–62; one of founders of Bot Soc of London 1721; FRS 1727;

Book [1726–37] *Historia Plantarum Rariorum* London, Eng; Eng; in 5 parts w copper-plate engravings in color, including succ;

[1728] Part 1; 11p w 10 plates;
[1730] Part 3; 24p w 22 plates;
[____] Part _; 30p w 28 plates.

Maruca, Mary; US author of children books;

Book [1999] *A Kid's Guide to Exploring Saguaro Natl Park*; Eng.

†**Marum**, (Dr med) Martinus [Martin] van (20 Mar 1750–26 Dec 1837); {Marum}; Dutch physician, physiologist & naturalist; PhD at Groningen 1773; founder of collections & library of Teyler's Stichting at Haarlem; collected succ in s Africa; owner of an Aloe garden; corresponded with JFM Salm-Dyck & AH Haworth;

Book [1810] *Catalogue des Plantes*; Dutch; 64p;

***species* nah:**

(Haworthia) **marumiana** (Western Cape, Eastern Cape) (desc & nah by AJA Uitewaal 1940).

Marx, Johan **Gerhard** (21 Oct 1956–); {Marx}; RSA artist & horticulturist; BA in fine arts at Univ of Pretoria, RSA 1979; exhibitions designer & display artist at Albany Museum, Grahamstown, RSA 1985–99; succ contributor & artist for CSSA, BCSS & ALOE & other journals 1984~; designed stamps for Venda & British Island of Tristan da Cunha; explored in RSA 1985~; to Tucson, Arizona as propagator & artist at Arid Lands Greenhouses 1999–2000; received Succ Soc of S Africa 'Leslie Hill Conservation Award' in 2000 for conservation work of succ flora of RSA; spouse Ina Marx;
desc *species*:
(Euphorbia) **astrophora** (Eastern Cape) 1996 (disc by him 1991),
(Euphorbia) **gamkensis** (Western Cape) 1999 (disc by CP Oosthuizen c1943),
(Euphorbia) **suppressa** (Western Cape) 1999 (disc by EF Ryder 1930);
disc *subsp*:
(Conophytum bilobum ssp) **claviferens** [w SA Hammer] (Namaq) 1995 (desc by SA Hammer 2001).

Marx, W;
Book [1989] *25 Jahre Fachgruppe Kakteen und Sukkulenten Halle im Kulturbund der DDR* [w W Strempel, B Boger, R Dehn & K Klugling] Leipzig; 16p.

Mary, (Dr) NY;
Book [1955] *Studies on Official Species of Aloe* Ohio State Univ; Eng; 107p; (PhD thesis).

Masaki, Goro;
Book [1964] *Mesembs* [w K Tanaka] Japan; Japanese; 121p.

Mashkova, Nadeshda Nikolaevna; Russian horticulturist;
Book [2002] *Kaktusy v Vasherm Dome* Saint Petersburg, Russia; 255p w 189 color photos.

Mashope, (Dr) Barbara Keitumetse (1974–); RSA; PhD in plant biotechnology 2007; early detection & rapid response program, S African Natl Biodiversity Institute, Claremont, RSA;
Book [2012] *Naturalised & Invasive Succulents of Southern Africa, ABC Taxa Journal Vol 11* [w M Walters, E Figueiredo, PJD Winter, GF Smith, HG Zimmermann & NR Crouch]; RSA; Eng; 360p.

Masinde, Monica Adeya; Kenyan social worker; son PS Masinde;
***species* nah:**
(Cissus) **adeyana** (Kenya, Ethiopia) (desc & nah by PS Masinde & LE Newton 1993).

Masinde, (Dr) Patrick Siro (1964–); {Masinde}; Kenyan botanist; MSc on stem-succ species of Cissus w (Prof) LE Newton at Kenyatta Univ, Kenya 1992; PhD on Ceropegia w F Albers at Münster Univ, Ger 2000; on staff at East African Herbarium, Nairobi, Kenya 1992 & botanist-in-charge 2004–07; regional coordinator for Africa at Aluka, an East India Company w a huge digital library of scholarly resources from & about Africa; specialist in Asclepiadoideae (Apocynaceae); collected in Kenya primarily for Cissus & Ceropegia;
mother MA Masinde;
desc *species*:
(Ceropegia) **ahmarensis** (Somalia) 2000,
(Ceropegia) **inornata** (Kenya, Ethiopia, Tanzania) 1998,
(Ceropegia) **keniensis** (Kenya) 1999,
(Ceropegia) **kituloensis** [w F Albers] (Tanzania) 2000,
(Ceropegia) **konasita** (Kenya) 1999 (disc by him 1995),
(Ceropegia) **laikipiensis** (Kenya) 2004,
(Ceropegia) **manderensis** (Kenya) 2004,

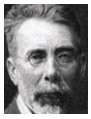
(Ceropegia) **richardsiae** (Tanzania) 2012 (disc by MAE Richards 1965 & nah),
(Ceropegia) **striata** [w U Meve] (Mada) 1998,
(Ceropegia) **verticillata** (Kenya) 2000,
(Cissus) **adeyana** [w LE Newton] (Kenya, Ethiopia) 1993 (na M Adeya Masinde),
(Cissus) **albiporcata** [w LE Newton] (Kenya, Tanzania) 1993,
(Cissus) **phymatocarpa** [w LE Newton] (Kenya, Tanzania) 1993,
(Cissus) **sylvicola** [w LE Newton] (Kenya, Tanzania) 1993.

Mason, Charles T, Jr & Patricia B;
Book [1987] *A Hanbook of Mexican Roadside Flora* Tucson, Arizona; Eng; 380p (including Agavaceae 23p & Cactaceae 24p).

†**Mason**, (Prof) (Dr) Herbert Louis (3 Jan 1896–26 Mar 1994); {H.Mason}; US botanist & taxonomist; PhD (& spouse) at Univ of Calif, Berkeley 1932; prof of botany at Univ of Calif, Berkeley 1925–63 (dir of herbarium from 1833) & worked w WL Jepson; editor of *Madrano*, journal of Calif Bot Soc; spouse (Dr) Lucile [née Roush} Mason (–1986);
species **nah:**
(Portulaca) **masonii** (Clarion Island in Pacific west of Mex) (desc & nah by CMD Legrand 1952).

†**Mason**, Leonard Maurice (26 May 1912–Sep 1994); British orchidologist, farmer & amateur gardener; sugar-beet farmer w 18 greenhouses of exotic plants; collected in Mada, Malaya, Borneo, New Guinea, Africa, Brazil, Peru, British Guiana, Mex, Guatemala & Australia, mostly orchids; member of Royal Horticultural Soc; pres of GB NCSS 1962–69; IOS member 1973;
species **nah:**
(Sansevieria) **masoniana** (Zaire) (desc & nah by BJ Chahinian 2000).

Massara, Mike (1956–); US nurseryman; owner w spouse of succ nursery *Out of Africa*, Ohio; spouse Maureen Massara;
desc *species*:
(Dorstenia) **lavrani** [w TA McCoy] (Somaliland) 2008 (disc by JJ Lavranos & FK Horwood 1973 & na JJ Lavranos).



†**Massart**, (Prof) (Dr) Jean (7 Mar 1865–16 Aug 1925); Belgian botanist;
PhD at Univ of Brussels, Belgium 1894; prof of botany at Univ of Brussels w
Massart Gardens created by him in 1922 nah;
Book [1905] *Notice Sur la Serre des Plantes Grasses au Jardin Botanique de l'Etat*, Brussells; 31p.

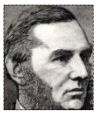
†**Masson**, **Francis** (Aug 1741–23 Dec 1805); {Mass.}; Scottish gardener, horticulturist & artist at Kew; trained by W Aiton at Kew, first to be employed as a plant collector; collected in RSA 1772–75 & 1786–95 (part of time w CP Thunberg), at Canary & Azores Islands & West Indies 1776–82 & at North Africa 1783; to Amer 1798~; sent specimens to J Banks; FLS 1796;
Book [1776] *The first desc in Eng of any Extensive Expedition into the Interior of RSA*; an account of his 3 African journeys from 1772–75,
[1796–98] *Stapeliae Novae (or, a collection of several new species of the genus; discovered in the interior parts of Africa)* London, Eng; Latin; 135p; (in 4 parts w 41 hand-colored plates by him); (1998 reprint w 134p);
genus nah:
Massonia (Eastern Cape, Mpumalanga, Free State) (desc & nah by MW Houttuyn 1780);
disc *species*:
(Aloe) **striata** (Eastern Cape, Western Cape) ≈1795 (desc by AH Haworth 1804),

(Crassula) **cordata** (Eastern Cape, Natal) 1774 (desc by CP Thunberg 1778),
(Crassula) **cotyledonis** (Namibia, Cape) 1774 (desc by CP Thunberg 1778),
(Crassula) **lactea** (Eastern Cape, Natal, Mpumalanga) 1774 (desc by DC Solander 1789),
(Euphorbia) **bupleurifolia** (Eastern Cape, Natal) c1791 (desc by NJ von Jacquin 1797),
(Mesemb) **obcordellum** (Western Cape) c1794 (desc by AH Haworth 1803) —> **Conophytum obcordellum** by NE Brown 1922,
(Mesemb) **reptans** (RSA) c1774 (desc by W Aiton 1789) —> **Lampranthus reptans** by NE Brown 1930,
(Mesemb) **testiculare** (Cape) (desc by W Aiton 1789) —> **Argyroderma testiculare** by NE Brown,
(Mesemb) **truncatum** [w CP Thunberg] (Little Karoo) 1773 (desc by CP Thunberg 1791) —> **Conophytum truncatum** by NE Brown 1922,
(Mesemb) **uviforme** [w CP Thunberg] (Cape) 1774 (desc by AH Haworth 1821) —> **Conophytum uviforme** by NE Brown 1922,
(Sedum) **nudum** (Madeira Islands) c1777 (desc by W Aiton 1789);

desc *species*:

(Aloe) **dichotoma** (Northern Cape, Namibia) 1776 (possibly disc on Stel's expedition to Copper Mtn 1685),
(Stapelia) **acuminata** (Northern Cape) 1797 (disc by him c1791),
(Stapelia) **aperta** (Cape) 1797 —> **Tromotriche aperta** by PV Bruyns 1995,
(Stapelia) **arida** (Cape) 1797 (disc by him) —> **Quaqua arida** by DCH Plowes 1994,
(Stapelia) **asterias** (Western Cape) 1797 (disc by him c1792),
(Stapelia) **caespitosa** (Cape, Free State) 1797 (disc by him) —> **Duvalia caespitosa** by AH Haworth 1812,
(Stapelia) **campanulata** (Western, Cape, Eastern Cape) 1797 (disc by him) —> **Huernia campanulata** by R Brown 1811,
(Stapelia) **decora** (Northern Cape Western Cape) 1797 —> **Piaranthus decorus** by NE Brown 1878,
(Stapelia) **divaricata** (Western Cape) 1797 (disc by him ≈1792),
(Stapelia) **elegans** (Western Cape) 1797 (disc by him) —> **Duvalia elegans** by AH Haworth 1812,
(Stapelia) **geminata** (Western Cape, Eastern Cape) 1797 (disc by him) —> **Piaranthus geminatus** by NE Brown 1878,
(Stapelia) **gemmiflora** (Free State, Northern Cape, Eastern Cape) 1797 —> **Tridentea gemmiflora** by AH Haworth 1812,
(Stapelia) **glanduliflora** (Western Cape) 1797,
(Stapelia) **gordonii** (Namibia, Northern Cape) 1797 (disc by RJ Gordon 1779 & nah) —> **Hoodia gordonii** by J Decaisne 1844,
(Stapelia) **grandiflora** (Cape, Free State) 1797 (disc by him ≈1792),
(Stapelia) **guttata** (Eastern Cape) 1797 —> **Huernia guttata** by AH Haworth 1812,
(Stapelia) **humilis** (Eastern Cape) 1797 (disc by him) —> **Huernia humilis** by AH Haworth 1812,
(Stapelia) **parviflora** (Northern Cape, Western Cape) 1797 (disc by him 1796) —> **Quaqua parviflora** by PV Bruyns 1983,
(Stapelia) **pedunculata** (Northern Cape, Western Cape) 1797 —> **Tromotriche pedunculata** by AH Haworth 1995,
(Stapelia) **pruinosa** (Northern Cape) 1797 (disc by him) —> **Quaqua pruinosa** by PV Bruyns 1983,
(Stapelia) **pulchella** (Eastern Cape) 1797 (disc by him c1793) —> **Orbea pulchella** by LC Leach 1975,
(Stapelia) **pulvinata** (Northern Cape, Western Cape) 1797 (disc by him 1792),
(Stapelia) **punctata** (Northern Cape, Western Cape) 1797 —> **Piaranthus punctatus** by JA Schultes 1820,
(Stapelia) **ramosa** (Cape) 1797 (disc by him 1792) —> **Quaqua ramosa** by PV Bruyns 1983,
(Stapelia) **reticulata** (Western Cape) 1797 (disc by him) —> **Huernia reticulata** by AH Haworth 1812,
(Stapelia) **revoluta** (Western Cape) 1796 —> **Tromotriche revoluta** by AH Haworth 1812,
(Stapelia) **rufa** (Northern Cape, Western Cape) 1797 (disc by him c1793),
(Stapelia) **verrucosa** (Western Cape, Eastern Cape) 1797 —> **Orbea verrucosa** by LC Leach 1975,
(Stapelia) **vetula** (Western Cape) 1797 (disc by him).

†**Masson**, Thomas;
disc *species*:
(Euphorbia) **meloformis** (Eastern Cape) 1773 (desc by W Aiton 1789).



†**Masters**, (Dr med) Maxwell Tylden (15 Apr 1833–30 May 1907); {Mast.}; British physician & botanist; MD at St. Andrews, Scotland 1862; co-editor of 'Gardener's Chronicle' w T Moore 1865–87; FLS 1860; FRS 1870; spouse Ellen [née Tress] Masters;
desc *species*:
(Modecca) **kirkii** (Kenya, Tanzania, Zanzibar) 1871 (na J Kirk) —> Adenia kirkii by HGA Engler 1891,
(Modecca) **stricta** (Zimbabwe, Mozambique, Malawi) 1871 —> **Adenia stricta** by HGA Engler 1921,
(Modecca) **trisecta** (Angola, Tanzania) 1871 —> **Adenia trisecta** by HGA Engler 1891,
(Modecca) **welwitschii** (Congo Rep, Angola, Zaire) 1871 (na FMJ Welwitsch) —>**Adenia welwitschii** by HGA Engler 1891,
(Sedum) **kamtschaticum** (Siberia) 1878.

Matamba, M; {M.Matamba};
desc *species*:
(Cyphostemma) **vandenbergheae** [w F Malaisse] 1990.

†**Matha**, A;
Book [1936] *Der Seidenglanz der Kakteenbluten*; Ger; 34p; (from Austrian Bot Journal, Vol 85, issue #2).

Mathew, Brian Frederick MBE (1936–); {B.Mathew}; British horticulturist, taxonomist & botanist; principal scientific officer at Royal Bot Gardens, Kew; interested in ornamental bulbous plants; awarded VMH 1991; spouse Mararet [née Briggs] Mathw;
Book [1989] *The Genus Lewisia* Kew; Eng; 151p w 20 color plates;
desc *species*:
(Aloe) **patersonii** (Zaire) 1978 (disc by A Paterson & nah).

†**Mathews**, Frank P;
Book [1937] *Agave lechuguilla Poisoning in Sheep, Goats, and Laboratory Animals* College Station, Texas; Eng; 36p.

†**Mathews**, Joseph Wm (7 Apr 1871–23 Sep 1949); {J.W.Mathews}; British horticulturist trained at Kew; to RSA 1895; curator at Natl Bot Garden in Kirstenbosch, RSA 1913–36 & Mathews Rockery nah;
***species* nah:**
(Drosanthemum) **mathewsii** (Western Cape) (desc & nah by HML Bolus 1931),
(Ruschia) **mathewsii** (Western Cape) (desc & nah by HML Bolus 1928).

†**Mathias**, [later Hassler,] (Prof) (Dr) Mildred Esther (19 Sep 1906–16 Feb 1995); {Mathias}; US botanist & taxonomist; PhD at Washington Univ, St. Louis, Missouri 1929; worked at Missouri Bot Garden 1929–30 & at NY Bot Garden 1932–36; prof at Univ of Calif, Berkeley 1937–42; prof of botany at Univ of Calif , Los Angeles, Calif & dir of its bot garden 1947–74, Mildred E Mathias Bot Gardens named in her honor 1979; explored in jungles of Peru; interested in Umbelliferae family; received Tyler Ecology award 1974; spouse Gerald L Hassler;
Book [1973] *Color for the Landscape. Flowering Plants for Subtropical Climates* Arcadia, Calif; Eng; 210p w 205 color photos; (includes c&s).

Mathieu, Guido (1951–); Belgian veterinarian & botanist; interested in Peperomia genus;
***species* nah:**

(Peperomia) **mathieui** (Peru) (desc & nah by G Pino & M-S Samain 2012 & disc by PC Hutchison & JK Wright 1964);
disc *species*:
(Peperomia) **palmiformis** [w L Summank & G Pino] (Peru) 2009 (desc by G Pino & M-S Samain 2012).

†**Mathsson**, Albert (–1898); {Mathss.}; Ger head gardener for H Gruson & collected in Mex 1889 for him;
Book [1890–91] *Reisebericht Eines Cacteensammlers in Mexiko* Berlin, Ger; Ger; 19p; (1991 reprint w 30p);
desc *species*:
(Cereus) **queretaroensis** (Guanajuato, Michoacan, Queretaro) 1891 —> **Lemaireocereus queretaroensis** by F Buxbaum 1961,
(Echinocereus) **leonensis** (Coahuila, Nuevo Leon, San Luis Potosi) 1891 —> **Echinocereus pentalophus** ssp **leonensis** by NP Taylor 1997.

Matis, Julius; Slovakian amateur grower of succ plants;
Book [1992] *Pestujeme Sukulenty* Bratislava, Czech Rep; Czech; 98p,
[1992–94] *Obrázkovy Minilexikon Sukulentov* [w R Stanik, A Lux & I Drab] Bratislava; Czech/Ger/Spanish/Eng;
[1992] Vol 1, 64p;
[1994] Vol 2, 70p,
[1994] *Svet Kaktusu Podle Frice Alebo Dobre Utajeny Lexikon Kaktusov* = "The World of Cacti after Fric" [w I Drab] Bratislava; Czech; 48p.

†**Matschat**, Cecil Hulse;
Book [1935] *Mexican Plants for American Gardens* NY; Eng; 168p w 45p devoted to cacti.

Matsui, Kenji;
Book [1970] *C&S* Tokyo, Japan; Japanese; 310p.

†**Mattei**, Giovanni Ettore (10 Mar 1865–19 Dec 1943); {Mattei}; Italian botanist; prof of botany at Bologna Institito Botanica 1884–1901, at Napoli 1901–05, at Palermo 1905–14, at Firenze 1914–25 & at Messina 1925–35;
✪desc *species*:
(Moringa) **borziana** (Somalia, Kenya) 1908 (na A Borzi),
(Sansevieria) **erythraeae** (Eritrea, Ethiopia, Sudan) 1918.

Matthews, James F (1935–); US; collected in US;
transfer *species*:
"Portulaca coronata" (JK Small 1896) —> **Portulaca umbraticola** ssp **coronata** [w DW Ketron] 1991,
"Portulaca lanceolata" (G Engelmann 1850) —> **Portulaca umbraticola** ssp **lanceolata** [w DW Ketron] 1991.

Mattos-Filho, Armando de (1946–); {A.Mattos}; Brazilian naturalist;
desc *species*:
(Cereus) **bicolor** [w CT Rizzini] (Mato Grosso) 1985 (disc by them 1983),
(Dioscorea) **basiclavicaulis** [w CT Rizzini] 1986,
(Monvillea) **saddiana** [w CT Rizzini] (Mato Grosso) 1985 (disc by A de Mattos-Filho & N Saddi 1983 & na N Saddi) —> **Cereus saddianus** by PJ Braun 1988;
disc *subsp*:
(Melocactus violaceus ssp) **margaritaceus** [w CT Rizzini] (Brazil) 1981 (desc by NP Taylor 1991).

Mattos, João Rodrigues de (1926–); {Mattos}; Brazilian agronomist & botanist; worked at Institute of Botany, São Paulo & at Ministry of Agriculture at State of Rio Grande do Sul;
desc *species*:
(Portulaca) **diegoi** (Brazil) 1984 (na CM Diego Legrand).

†**Matuda**, [Matsuda,] (Prof) (Dr) Eizi [Eiji] (20 Apr 1894–12 Feb 1978); {Matuda}; Japanese botanist; to Mex 1922; prof of botany at Univ of Mex 1950~; co-founder of Sociedad Mexicana de Cactologia (the Mex Soc of Cactology) 1951; collected in Mex 1935~; prolific writer; PhD from Tokyo Univ 1962; IOS member 1974; spouse Miduho Kaneko de Matuda;
Book [1953] *Las Dioscoreas de Mex* Mex City, Mex; Spanish; 110p,
[1980] *Las Plantas Mexicanas del Genero Yucca* [w I Pina Lujan] Toluca, Mex; Spanish; 145p;
***species* nah:**
(Mamm) **matudae** (state of Mex) (desc & nah by H Bravo-Hollis 1956);
disc *species*:
(Wilcoxia) **zopilotensis** (Guerrero) 1960 (desc by J Meyran 1969) —> **Peniocereus zopilotensis** by F Buxbaum 1975;
desc *species*:
(Beschorneria) **albiflora** (Oaxaca, Chiapas, Guatemala) 1974,
(Callisia) **tehuantepecana** (Mex) 1957,
(Echeveria) **tolimanensis** (Hidalgo) 1958,
(Furcraea) **guerrerensis** (Guerrero) 1966,
(Furcraea) **macdougallii** (Puebla, Oaxaca) 1955 (na TB MacDougall),
(Graptopetalum) **goldii** 1956 (na DB Gold),
(Manfreda) **nanchititlensis** (state of Mex) 1974 —> **Agave nanchititlensis** by J Thiede & U Eggli 1999,
(Nopalea) **escuintlensis** 1956,
(Sedum) **goldii** (Hidalgo) 1956 (disc by DB Gold 1954 & nah),
(Tradescantia) **sillamontana** (Mex) 1955,
(Yucca) **coahuilensis** [w I Pina Lujan] (Coahuila) 1980.

Matui, Migita;
Book [1970] *C&S* Japan; Japanese; 310p.

Matuszewski, Grzegorz F (21 Feb 1950–); {Matusz.}; Poland; explored in Mex; chairman of Polish Cactus & Succulnet Society;
desc *species*:
(Turbinicarpus) **graminispinus** [w Z Jiruse & V Mysak] (Nuevo Leon) 2011 (disc by V Mysak & Z Jiruse 2008).

†**Maughan-Brown**, (Dr med) Herbert (8 Jan 1883–6 Feb 1940); RSA physician; MD at Edinburgh 1907; medical inspector of schools; collected in RSA;
***genus* nah:**
Maughania (Cape) (desc & nah by NE Brown 1931) (syn of Diplosoma SCHWANTES);
Maughaniella (Cape) (desc & nah by HML Bolus 1961) (syn of Diplosoma SCHWANTES);
***species* nah:**
(Apatesia) **maughani** (Cape) (desc & nah by NE Brown 1932,
(Conophytum) **maughanii** (Cape) (desc & nah by NE Brown 1930);
(Pherolobus) **maughanii** (Northern Cape) (desc & nah by NE Brown 1928) —> **Dorotheanthus maughanii** by H-D Ihlenfeldt & M Struck 1987;
disc *species*:
(Caralluma) **maughani** (Northern Cape) 1928 (desc & nah by RA Dyer 1931) —> **Vadulia maughanii** by

DCH Plowes 2003,
(Conophytum) **decoratum** (Cape) c1926 (desc by NE Brown 1933) —> **Conophytum uviforme** ssp **decoratum** by SA Hammer 1993,
(Conophytum) **maughanii** (Bushmanland) 1928 (desc & nah by NE Brown 1930),
(Conophytum) **violaciflorum** [w A Tischer] (Namaq) (desc by C Schick & A Tischer 1928),
(Haworthia) **maughanii** (Western Cape) 1932 (desc & nah by JKL von Poellnitz 1933) —> **Haworthia truncata** var **maughanii** by B Fearn 1966,
(Sphalmanthus) **herbertii** (Western Cape) 1932 (desc & nah by NE Brown 1934) —> **Phyllobolus herbertii** by M Gerbaulet 1997.

†**Mauritzon**, (Dr) Johan; Sweden; PhD at Univ of Lund, Sweden 1933;
Book [1933] *Studien uber die Embryologie der Familien Crassulaceae und Saxifragaceae* Lund, Ger; Ger; 152p; (PhD thesis).

Mauseth, (Prof) (Dr) James [**Jim**] David (2 Jul 1948–); US anatomist, author, lecturer, explorer, researcher & educator of succ plants; PhD at Univ of Washington (Seattle) 1975; visiting scientist at Smithsonian Tropical Research Institute in Panama 1980 & 1981; prof visitante at Universidad Catolica de Chile 1983, 1985 & 1987–90; visiting scientist at Forestry & Forest Products Research Institute, Tsukuba, Japan 1992–95; prof of integrative biology at Univ of Texas (Austin) 1995~; tissue culture research on anatomy & development of cacti; specialist on evolution & morphogenesis of cacti; writer for various c&s journals; IOS member 1985 & secretary 1999–2002; CSSA Fellow award 1999;
Book [1975] *Organogensis in Opuntia polyacantha (Cactaceae)*; 85p; (PhD thesis),
[1988] *Plant Anatomy*; Eng; 560p,
[2002] *A Cactus Odyssey – Journeys in the Wilds of Bolivia, Peru, & Argentina* [w R Kiesling & C Ostolaza] Portland, Oregon; Eng; 306p w 192 color photos.

Maw, (Capt) AH; Zomba, Malawi; the type specimen below was collected on his property;
species nah:
(Aloe) **mawii** (Tanzania, Malawi, Mozambique) (desc & nah by HB Christian 1940).

†**Maximowicz**, [Maksimovich,] Carl [Karl] Johann [Ivanovič, Ivanovich] (23 Nov 1827–16 Feb 1891); {Maxim.}; Russian botanist; curator of herbarium collection at St. Petersburg, Russia 1852~ & dir 1869; explored in Amur region of eastern Asia 1853–57 & in China, Korea & Japan 1859–64;
Book [1866–76] *Diagnoses Plantarum Novarum Japoniae et Mandshuriae* St Petersburg, Russia,
[1884] *Diagnoses Planterium Novarum Asiaticarum, V.* St Petersburg; Russian; 178p;
***genus* nah:**
Maximowiczia (desc & nah by CA Cogniaux 1881) (syn of Ibervillea GREENE);
desc *species*:
(Cotyledon) **japonica** (Japan) 1883 —> **Orostachys japonica** by A Berger 1930,
(Dischidia) **formosana** (Taiwan) 1877,
(Sedum) **angustum** (China) 1883 —> **Hylotelephium angustum** by H Ohba 1977,
(Sedum) **makinoi** (Japan) 1883 (na T Makino),
(Sedum) **middendorfianum** (Siberia, China, Japan, Korea) 1859 (disc by AT von Middendorff 1843 & nah) —> **Phedimus middeendorfianus** by H't Hart 1995,
(Sedum) **przewalskii** (China, Nepal, Tibet) 1883 (disc by NM Przewalski 1872 & nah),
(Sedum) **roborowskii** (China, Nepal, Tibet) 1883 (na ? Roborowski),
(Sedum) **sikokianum** (Japaneseisland of Sikoku) 1893 (disc by T Makino 1885) —> **Phedimus sikokianus** by H 't Hart 1995,
(Sedum) **sordidum** (Japan) 1883 —> **Hylotelephium sordidum** by H Ohba 1977,

(Sedum) **subopposition** (China) 1883 —> **Rhodiola subopposita** by HJH Jacobsen 1973,
(Sedum) **tatarinowii** (Mongolia, China) 1883 (na AA Tatarinow) —> **Hylotelephium tatarinowii** by H Ohba 1977,
(Sedum) **viviparum** (Siberia, Manchuria, Korea) 1883 (disc by him) —> **Hylotelephium viviparum** by H Ohba 1977,
(Tillaea) **saginoides** (Alaska to Mex, Hispaniola, central Asia) 1880 —> **Crassula saginoides** by M Bywater & GE Wickens 1984;
transfer *species*:
"Sedum kirilowii" (EA von Regel 1858) —> **Rhodiola kirilowii** [w EA von Regel] 1859;
desc *variety*:
(Sedum aizoon var) **latifolium** —> **Sedum aizoon** fa **latifolium** by YC Zhu 1989,
(Sedum algidum var) **tanguticum** (China) 1883 —> **Rhodiola tangutica** by SH Fu 1986,
(Sedum telephium var) **pluricaule** (Russia, Japan) 1883 —> **Hylotelephium pluricaule** by H Ohba 1977.

†**Maxon**, (Dr) Wm Ralph (27 Feb 1877–25 Feb 1948); {Maxon};
US botanist & pteridologist; interested in ferns; PhD at Syracuse Univ 1898;
curator of division of plants at US Natl Museum, Smithsonian Institute 1899~;
editor of *Journal of the Washington Academy of Sciences* 1919-27; pres of Amer Fern Soc 1919-33 & editor of its journal 1934-44; collected in Jamaica, Cuba & Central Amer ≈1931;
***species* nah:**
(Echeveria) **maxonii** (desc & nah by JN Rose 1909);
disc *species*:
(Echeveria) **guatemalensis** (Guatemala, Honduras, Nicaragua) 1905 (desc by JN Rose 1909),
(Nyctocereus) **guatemalensis** (Guatemala) 1905 (desc by NL Britton & JN Rose 1913) —> **Peniocereus guatemalensis** by DR Hunt 2006,
(Villadia) **guatemalensis** [w RH Hay] (Guatemala, Oaxaca) (desc by JN Rose 1909).

May, CJ;
Book [1986] *Nichol Turk's Head Cactus (Echinocactus horizonthalonius var nicholii) Recovery Plan* [w TR van Devender, TC Gibson, M Butterwick & P Olwell] Albuquerque, New Mex; Eng; 68p.

May, Richard W; US; IOS member 1987;
Book [1976] *Where to Find Calif Cacti* [w Cynthia May] Arcadia, Calif; Eng; 36p,
[1982] *Distribution & Status of Sclerocactus polyancistrus on the Naval Weapons Center (A Survey)* China Lake, Calif; Eng; 131p,
[1983] *Distribution & Status of the Yellow-Spined Form of Sclerocactus polyancistrus* Seabrook, Texas; Eng; 57p,
[1985] *The Ecology of Sclerocactus polyancistrus*; San Diego, Calif; Eng; 19p.

Mays, Harry (1926–); St Michaels on Wyre, Eng; B.S. & B.A. degrees; head of Internal Audit, Dept for Natl Savings, Eng; editor of Haworthia Soc in UK; explored in US, Mex & RSA, also in Argentina, Zimbabwe, Morocco, Gibraltar, Namibia, Mada & Kenya; founder & publisher of *Alsterworthia International* journal 2000~; IOS member 1993;
Book [1996] *The Cyclopaedia of ISI Plants (1958–96)* UK; Eng; 90p; (compiled & edited by him),
[1998] *Succ Liliaceae League of Amer & the Haworthia Review 1946–48* UK; Eng; 98p; (compiled, edited & pub by him),
[2001] *Directory of Plants distributed by International Succ Intro 1958–2001, w Alphabetical Index* UK; Eng; 124p; (compiled, edited & pub by him).
[2005] *Colour-Illustrated Experiences of two Expeditions for Succulents in Central, South and Southwestern Mada* [w J-A Audissou]; Eng; 96p w 252 color photos; a French expedition by J-A Audissou and a

S African Succ Plant Soc expedition by H Mays,

[2009] *Hybrids & cultivars of the succulent Asphodelaceae Vol 1 (Aloe, Astroloba, Bulbine, Gasteria & nothogenera)* Preston, Eng; Eng; 80p w 239 illustrations, mainly photos, in color.

†**Mayuranathan**, Pallassana Vaithi Pattar (4 Mar 1893–1 Dec 1939); {Mayur.}; Indian botanist; BA at Presidency College, Madras 1918; assistant curator & started herbarium at Madras Government Museum, India 1920~; specialized in India Euphorbia & Caralluma;
Book [1931] *The Indian Species of the Genus Caralluma (Family Asclepiadaceae)* [w FH Gravely]; Eng; 28p; (bulletin of Madras Government Museum, Vol IV, Part 1);
disc *species*:
(Euphorbia) **mayuranathanii** (India) 1938 (desc & nah by LCM Croizat 1940);
desc *species*:
(Caralluma) **procumbens** [w FH Gravely] (India) 1931 (disc by P Mayuranthan c1930);
transfer *species*:
"Boucerosia truncato-coronata" (LJ Sedgwick 1921) —> [w FH Gravely] **Caralluma truncato-coronata** 1931,
"Caralluma attenuata" (R Wight 1848) —> [w FH Gravely] **Caralluma adscendens** var **attenuata** 1931,
"Caralluma fimbriata" (N Wallich 1830) —> [w FH Gravely] **Caralluma adscendens** var **fimbriata** 1931;
desc *variety*:
(Caralluma adscendens) var **carinata** [w FH Gravely] (India) 1931,
(Caralluma adscendens) var **geniculata** [w FH Gravely] (India) 1931,
(Caralluma adscendens) var **gracilis** [w FH Gravely] (India) 1931.

†**Mazel**, Bohumil (15 May 1923– 2007); Czech engineer & cactus hobbyist;
Book [1980] *Index Fotografii Kaktusu, Publikovanych v Odborne Literature of Roku 1923 do r*; 79p,
[1986] *Objevitele Sveta Kaktusu* Chrudim; Czech; 270p,
[1987] *Kvetuci Kaktusy v Byte* Praha; 14p,
[1987] *Vyskyt a RozSireni Mexickych Kaktusu* 15p,
[1987] *Aztekia Yearbook*; Czech;100p; (editor of),
[1993] *Bibliografie k Historii Svetoveho Kaktusarstvi* Praha; 91p.
species nah:
(Melocactus) **mazelianus** (Colombia, Venezuela) (desc & nah by J Riha 1981).

Mbugua, Paul K;
Book [2007] *Flora of Tropical East Africa: Dracaenaceae* [w G Mwachala] Kew, Richmond, Surrey, UK; Eng; 43p.

†**McCabe**, Percy & Helen:
disc *species*:
(Opuntia) **aurea** (Arizona) 1930 (desc by EM Baxter 1933).

McCabe, Stephen Ward (fl. 1997); {S.McCabe}; US botanist; dir of education, coordinator of research & curator of succ at arboretum, Univ of Calif, Santa Cruz; interested in Dudleya genus;
desc *species*:
(Dudleya) **gnoma** (Santa Rosa Island off Calif) 1997 (disc by him 1993).

†**McCann**, Yule Mervyn **Charles** (4 Dec 1899–29 Nov 1980); {McCann}; India naturalist; assistant curator at Bombay Natural History Soc & editor of journal ≈1946; to New Zealand 1946; vertebrate zoologist at Dominion Museum, Wellington 1946~; FLS; explored for Ceropegias in India;
desc *species*:

(Ceropegia) **evansii** (India) 1913 (na FV Evans),
(Euphorbia) **panchganiensis** [w E Blatter] (India) 1931.

McCarten, (Dr) Niall Francis (10 Aug 1953–); US hydrologist, photographer & botanist; PhD in hydrology at Unive of Calif, Davis 2015;
Subsp **nah:**
(Mammillaria rhodantha ssp) **mccartenii** (Michoacan) (desc by DR Hunt 1997 & disc by W Reppenhagen 1973).

McClurkin, J Robert [Bob]; US; member of Sunset C&SS; designer of CSSA logo in 1973; IOS member 1986;
Book [1979] *A Revision of Crassula (as Seen by the Amateur)* Santa Monica, Calif; Eng; 50p.

McCoy, Erica Henrietta; father TA McCoy;
species **nah:**
(Aloe) **ericahenriettae** (Djibouti) 2007 (desc & nah by TA McCoy 2007 & disc by TA McCoy 2006).

McCoy, Mo; spouse TA McCoy;
species **nah:**
(Euphorbia) **momccoyae** (Dhofar) (desc & nah by JJ Lavranos 2011 & disc by TA McCoy 2011).

McCoy, Tom Armour (23 May 1959–); {T.A.McCoy}; US; consultant in Saudi Arabia; collected in Africa, Arabia & Mada; spouse M McCoy;
species **nah:**
(Pseudolithos) **mccoyi** (Oman, Yemen) (desc & nah by JJ Lavranos & BA Mies 2001);
disc *species*:
(Aloe) **austroarabica** (Saudi Arabia, Yemen) 1994 (desc by JJ Lavranos & TA McCoy 2003),
(Aloe) **droseroides** [w JJ Lavranos] (Mada) 2003 (desc by JJ Lavranos & TA McCoy 2003),
(Aloe) **elegantissima** (Somaliland) 2003 (desc by TA McCoy & JJ Lavranos 2008),
(Aloe) **inexpectata** [w JJ Lavranos] (Mada) 2003 (desc by JJ Lavranos & TA McCoy 2003),
(Aloe) **kahinii** (Somaliland) 2004 (desc by TA McCoy & JJ Lavranos 2007 & na DR Kahin),
(Aloe) **mahraensis** (Yemen) 2001 (desc by JJ Lavranos & TA McCoy 2002),
(Aloe) **mccoyi** (Yemen) 2000 (desc & nah by JJ Lavranos & BA Mies 2001),
(Aloe) **pachydactylos** [w N Zameraly] (Mada) 2003 (desc by T McCoy & JJ Lavranos 2007),
(Aloe) **rubrodonta** (Somaliland) 2004 (desc by TA McCoy & JJ Lavranos 2007),
(Aloe) **tulearensis** (Mada) 2003 (desc by TA McCoy & JJ Lavranos 2007),
(Echidnopsis) **fartaqensis** [w G Orlando (Yemen) 2000 (desc by them 2003),
(Euphorbia) **momccoyae** (Dhofar) 2011 (desc by JJ Lavranos 2011 & na M McCoy),
(Huernia) **khalidbinsultanii** (Saudi Arabia) 1999 (desc by DCH Plowes & TA McCoy 2003 & na HRH Khalid),
(Huernia) **mccoyi** (Yemen) 2000 (desc & nah by DCH Plowes 2003),
(Kleinia) **mccoyi** (Oman) 2001 (desc & nah by LE Newton 2002),
(Rhytidocaulon) **mccoyi** (Yemen) 2000 (desc & nah by JJ Lavranos & BA Mies 2001),
(Rhytidocaulon) **splendidum** (Yemen) 2000 (desc by him 2003);
desc *species*:
(Aloe) **djiboutiensis** (Djibouti) 2007 (disc by him 2006),
(Aloe) **doddsiorum** [w JJ Lavranos] (Kenya) 2007 (disc by A & M Dodds 2001 & na them),
(Aloe) **downsiana** [w JJ Lavranos] (Ethiopia) 2007 (disc by TA McCoy & B Miller 2001 & na PE Downs),
(Aloe) **elkerriana** [w M Dioli] (Ethiopia) 2007 (disc by M Dioli 2000),
(Aloe) **ericahenriettae** (Djibouti) 2007 (disc by him 2006 & na Erica Henrietta McCoy),

(Aloe) **eximia** [w JJ Lavranos] (Mada) 2006 (disc by A Razafindratsira 2003),
(Aloe) **irafensis** [w JJ Lavranos & AN Al-Gifri] (Arabia) 2004 (disc by AN Al-Gifri, AW Al-Khulaidi & A Al-Zabadi 1998),
(Aloe) **ithya** [w LE Newton] (Sudan) 2014 (disc by Jamal Idriss 2003),
(Aloe) **omoana** [w JJ Lavranos] (Ethiopia) 2007 (disc by TA McCoy 2002),
(Aloe) **praetermissa** [w JJ Lavranos] (Oman) 2002 (disc by JJ Lavranos 1966),
(Aloe) **pronkii** [w B Rakouth & JJ Lavranos] (Mada) 2006 (disc by O Pronk & nah),
(Aloe) **ribauensis** [w AJH Rulkens & OJ Baptista] (Mozambique) 2014 (disc by TA McCoy 2013),
(Aloe) **roeoeslii** [w JJ Lavranos] (Mada) 2005 (disc by W Roosli & R Hoffmann 2001 & na W Roosli),
(Aloe) **tartarensis** [w JJ Lavranos] (Kenya) 2007 (disc by TA McCoy & A & M Dodds 2002),
(Dorstenia) **lavrani** [w M Massara] (Somaliland) 2008 (disc by JJ Lavranos & FK Horwood 1973 & na JJ Lavranos),
(Kleinia) **butleri** [w JJ Lavranos] (Oman) 2004 (disc by G Lauchs & A Butler & na A Butler),
(Rhytidocaulon) **arachnoideum** (Somalia) 2006 (disc by E Specks 2001).

†**McDaniel**, Bruce W;
Book [1926] *Dune & Desert Folk* Los Angeles, Calif; Eng; 21p w 14 illustrations; (includes c&s).

†**McDonald**, (Mr) ?;
disc *species*:
(Euphorbia) **cussonioides** (Kenya) 1939 (desc by PRO Bally 1958).

McDonald, (Prof) (Dr) John Andrew (1953–); {J.A.McDonald}; US biologist; PhD in botany at Univ of Texas, Austin 1982; prof of biology at Univ of Texas—Pan American, Edinburg 2006~;
***species* nah:**
(Sedum) **macdonaldii** (Nuevo Leon, Coahuila) (desc & nah by GL Nesom 1996);
desc *species*:
(Sedum) **chrysicaulum** (Nuevo Leon, se Coahuila) 1991.

†**McDougall**, (Dr) Walter Byron (10 Dec 1883–25 Dec 1980); {W.McDougall};
US ecologist & naturalist; PhD at Univ of Michigan 1913; naturalist at National Park Service 1935-1953; curator of botany at Museum of N Arizona, Flagstaff 1955~;
Book [1951] *Plants of Big Bend Natl Park* [w OE Sperry] Washington DC; Eng; 209p.

†**McGibbon**, [M'Gibbon,] James (–1886); Scottish gardener; to Cape 1849;
curator of colonial herbarium at Cape Town, RSA 1850; explored in RSA & exchanged plants w other parts of the world (mostly Eng & Australia);
Book [1858] *Catalogue of Plants in the Bot Garden, Cape Town, Cape of Good Hope* Cape Town, RSA; 36p.

McGill, Lyle Angus (23 Apr 1949–); US; prof at Arizona State Univ;
collected in Mex 1961–76, at times w DJ Keil, DJ Pinkava & HS Gentry;
disc *species*:
(Echinocereus) **mapimiensis** [w DJ Keil] (Coahuila) 1971 (desc by EF Anderson, WC Hodgson & P Quirk 1998).

†**McGinnies**, (Dr) Wm Grovenor (14 Aug 1899-17 Nov 1990); US botanist & range ecologist; PhD at Univ of Chicago 1926; prof of botany & range ecology at Univ of Arizona 1926-35 & 1960-72 & dir of arid lands studies 1964-72; authority on ecology & distribution of desert plants;
Book [1968] *Deserts of the World* Tucson, Arizona; Eng; 788p,
[1981] *Discovering the Desert* Tucson; Eng; 276p.

McGough, **Henry** Noel (Jan 1956–); Eng; secretary at Amlogan Consulting Limited 2006~;
Book [2004] *CITES & Succulents: An Introduction to Succ Plants covered by the Convetntion on the International Trade in Endangered Species* [w M Groves, M Mustard, C Brodie & M Sajeva] Kew; Eng; 49p.

†**McIntosh**, [M'Intosh, MacIntosh,] Charles (8 Aug 1794–9 Jan 1864); {McIntosh}; Scottish gardener & horticulturist; gardener to John Campbell at Taymouth Castle, Scotland, to Thomas Baring in Hampshire, Eng, to Prince Leopold of Belgium at Claremont, Surrey, Eng, & to Walter Francis Scott at Dalkeith Palace, Scotland; grew epiphyllums at Claremont;
spouse Elisabeth [Betsay] [née Pasmore] McIntosh;
Book [1838] *Greenhouse, Hothouse & Stove* London, Eng; Eng; 415p; (w 26p chapter on succ).

†**McKelvey**, [née Delano, Susan Magoun] [**McKen**,] **Susan** Adams (13 Mar 1883–11 Jul 1964); {McKelv.}; US botanist, horticulturist & bot historian; graduate of Bryn Mawr College, Pennsylvania 1906; worked at Arnold Arboretum, Harvard Univ, Boston, 1919~ & research associate 1931~; botanized w A Eastwood in New Mex & Arizona 1928 on cacti, agave & yucca; studied & collected Yuccas in sw US, 5 trips 1929–34; an authority on lilacs & yuccas;
CSSA Fellow award 1948; spouse Charles Wylie McKelvey (1878–1957), wealthy lawyer & socialite;
cousin Franklin Delano Roosevelt (1882–1945), US pres 1933–45;
Book [1938–47] *Yuccas of the SW US* Jamaica Plain, Massachucetts; Eng;
[1938] Part 1, 150p w 80 photo plates;
[1947] Part 2, 192p w 65 photo plates,
[1956] *Botanical Exploration of the Trans-Mississippi West 1790–1850* Jamaica Plain; Eng; 1,144p;
disc *species*:
(Agave) **delamateri** (Arizona)1920s (desc by W Hodgson & L Slauson 1995 & na R DeLamater),
(Agave) **mckelveyana** (Arizona) 1930 (desc & nah by HS Gentry 1970),
(Echinocereus) **apachensis** (Arizona) 1929 (desc W Blum & J Rutow 1998;
desc *species*:
(Yucca) **campestris** (Texas) 1947 (disc by her 1932),
(Yucca) **intermedia** (New Mex) 1947 (disc by FA Wislizenus 1946) —> **Yucca baileyi** var **intermedia** by JL Reveal 1977,
(Yucca) **kanabensis** (Utah, Arizona) 1947 (disc by ME Jones 1894) —> **Yucca angustissima** var **kanabensis** by JL Reveal 1977,
(Yucca) **pallida** (Texas) 1947 (disc by J Reverchon 1876),
(Yucca) **utahensis** (Utah, Arizona) 1947 (disc by E Palmer 1870) —> **Agave elata** var **utahensis** by JL Reveal 1977,
(Yucca) **verdiensis** (Arizona) 1947 (disc by E Palmer 1866) —> **Agave elata** var **verdiensis** by JL Reveal 1977;
transfer *species*:
"Samuela carnerosana" (WA Trelease 1902) —> **Yucca carnerosana** 1938;
desc *variety*:
(Agave) **kaibabensis** (Arizona) 1949 —> **Agave utahensis** ssp **kaibabensis** by HS Gentry 1982,
(Yucca baccata var) **vespertina** (Calif, Nevada, Utah, Arizona) 1938,
(Yucca brevifolia var) **jaegeriana** (Calif, Nevada, Utah, Arizona) 1935 (disc by EC Jaeger & nah).

†**McKen**, Mark Johnston (1823-20Apr 1872); Scottish horticulturist; to Natal 1850; curator of bot garden of Natal Agricultural & Horticultural Soc 1851-53 & 1860~; collected in & around Natal;
spouse Margaret Wood (sister of JM Wood);
disc *species*:
(Stapelia) **hystrix** (Zimbabwse, Mozambique, Limpopo, Natal, Mpumalanga, Eastern Cape, Swaziland) (desc

by JD Hooker 1869) —> **Huernia hystrix** by NE Brown 1876.

†**McLaughlin**, AM;
Book 1933] *A Fusarium Disease of Cereus schottii*; Eng; 12p.

McLaughlin, Jerry L;
Book [1965] *Identification & Biosynthesis of Certain Alcaloids of Lophophor williamsii (LEM.) COULT.*; 138p.

†**McLellan**, J Ellis (?3 Jul 1872-1957?); US: collected birds & mammals in Baja Calif for US Biological Survey 1895;
disc *species*:
(Dudleya) **rigida** (Baja Calif) (desc by JN Rose 1903).

†**McLeod**, (Dr) Malcolm G (–2006); US; PhD at Arizona State Univ, Tempe; prof of botany & microbiology at Arizona State Univ;
Book [1973] *Biosystematics of Juicy-Fruited Prickly Pears of Arizona (Cactaceae; Opuntia, Series Opuntiae)* Tucson, Arizona; Eng; 85p; (PhD thesis).

†**McLoughlin**, (Major) Alfred George (20 Oct 1886–16 Jun 1960); RSA lawyer, botanist, archaeologist, artist; worked at Dept of Native Affairs at Cape; served in East Africa & Ethiopia during WWII w rank of Major; interested in botany & archaeology; artist of orchids & succ; explored in Africa w interest in Aloes, Euphorbias, Ceropegias and Stapelieae w many plants going to Division of Botany, Pretoria, RSA;
***species* nah:**
(Stapelia) **macloughlinii** (Eastern Cape) (desc & nah by IC Verdoorn 1941) —> **Orbea macloughlinii** by LC Leach 1975;
disc *species*:
(Aloe) **mcloughlinii** (Ethiopia) 1940 (desc & nah by HB Christian 1951),
(Caralluma) **montana** (Ethiopia) 1947 (desc by RA Dyer & EA Bruce 1947) —> **Echidnopsis Montana** by PRO Bally 1964;
disc *variety*:
(Huernia hystrix var) **parvula** (Natal) 1939 (desc by JD Hooker 1976) —> **Huernia hystrix** ssp **parvula** by PV Bruyns 2005.

McMahan, L;
Book [1981] *US Exports & Imports of Cacti 1977–79*; 65p.

McMaster, James **Cameron** (25 Jun 1937–); RSA sheep & wool consultant in Eastern Cape, Western Cape & Australia 1955~, naturalist & nurseryman; owner w spouse of nursery *African Bulbs*; explored & collected plants & butterflies in Eastern Cape; received Bot Soc of S Africa 'Schelpe Award' 2006;
spouse Rhoda McMaster, Eng teacher & translator;
***species* nah:**
(Ceropegia) **macmasteri** (Eastern Cape) (desc & nah by AP Dold 2006).

†**McMillan**, Adrian JS [Mac] (1915–2008); {McMillan}; British specialist in & hybridizer of epiphytic cacti; joined Yorkshire Cactus Soc 1946; editor of *Epiphytes* newsletter 1968–73; founding member & vp of Bristol Branch of NCSS;
Book [1985] *Christmas Cacti = Weihnachtskakteen* Erlenback, Switzerland; Eng/Ger; 24p w 8 color photos,
[1991] *Bibliography of the Genus Schlumbergera (Cactaceae)* Great Crosby, Eng; Eng; 20p,
[1995] *Christmas Cacti: The Genus Schlumbergera & Its Hybrids* [w JF Horobin] Dorset, Eng; Eng;

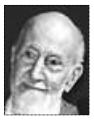
160p w 122 color photos;
desc *species*:
(Schlumbergera) **orssichiana** [w WA Barthlott] (Rio de Janeiro) 1978 (disc by B Orssich & nah);
desc *subsp*:
(Schlumbergera truncata ssp) **kautskyi** [w JF Horobin] (Espirito Santo) 1991 (na R Kautsky)
—> **Schlumbergera kautskyi** by NP Taylor 1991.

McMullen, (Dr) Conley K; US biologist; PhD at Univ of Maryland, College Park 1986; prof of biology at James Madison Univ, Harrisonburg, Virginia;
Book [1999] *Flowering Plants of the Galápagos* Ithaca, NY; Eng; 370p w 383 color photos.

McMurtry, Douglas Mervyn (5 Feb 1944–); RSA horticulturist; curator of Municipal Bot Garden Emmarentia, Johannesburg, RSA 1972–89;
disc *species*:
(Haworthia) **mcmurtryi** (Mpumlanga) (desc & nah by CL Scott 1984) —> **Haworthia koelmaniorum** var **mcmurtryi** by MB Bayer 1999.

†**McQuown**, Frederic Richard (4 Jan 1907–18 Mar 1989); British amateur horticulturist & journalist; gardener in n London, Eng; MA degree; specialized in, grew & bred cultivar epicacti; FLS;
🕮▪[1965] *Fine-Flowered Cacti – Epiphyllum & Others for Home & Greenhouse* London, Eng; Eng; 92p.

McTavish, Sylvia;
Book [1977] *Compilation Pachypodium* Sierr Madre, Calif; Eng; 11p.



†**McVaugh**, (Prof) (Dr) Rogers (30 May 1909–24 Sep 2009); {McVaugh}; US botanist, lichenologist, taxonomist & bot historian; PhD in botany at Univ of Pennsylvania 1935; assistant prof at Univ of Georgia B, Athens 1935–38; botanist at USDA 1938–46; prof of botany & curator of herbarium at Univ of Michigan 1946~; pres of IAPT 1972–75; specialized in Mex flora & collected in Mex 1949~; spouse Ruth [née Beall] McVaugh (1908–1987);
Book [1956] *Edward Palmer: Plant Explorer of the Amer West* Norman, Oklahoma; Eng; 430p;
***species* nah:**
(Jatropha) **mcvaughii** (Sinaloa, Durango) (desc & nah by B Dehgan & GL Webster 1978),
(Matelea) **macvaughiana** (Jalisco) (desc & nah by WD Stevens 1988);
desc *species*:
(Jatropha) **humboldtiana** (Peru) 1945,
(Manfreda) **involuta** (Jalisco) 1989 —> **Agave involata** by J Thiede & U Eggli 1999;
transfer *species*:
"Senecio morelensis" (F Miranda 1941) —> **Senecio praecox** var **morelensis** 1972;
desc *variety*:
(Jatropha dioica var) **graminea** (Texas into Mex) 1945,
(Polianthes geminiflora var) **clivicola** (Jalisco, Michoacan) 1989 —> **Agave duplicata** ssp **clivicola** by J Thiede & U Eggli 1999.

McWilliam, A-LC;
Book [1990] *Carbohydrate Accumulation & Its Role in Acid-Base Balance in the Crassulaceae* Edinburgh; 174p.

Meadow, Katie; US horticulturist;
Book [1976] *C&OS For Your Home* [w JW Dodson as editor] Richmond, Calif; Eng; 160p w 36 color photos.

Measures, John; British horticultural journalist; writer for 'Garden News', a weekly gardening newspaper, early 1960s; to Portugal c1965;
Book [1960] *Cacti for Greenhouse & Windowsill* Peterborough, Eng; Eng; 48p.

†**Mechow**, Friedrich Wilhelm Alexandre von (9 Dec 1831–14 Mar 1904); Prussian officer; collected in Angola & tropical West Africa;
disc *species*:
(Ceropegia) **purpurascens** (Angola, Namibia, Botswana, Zimbabwe, Tanzania, Zaire) (desc by KM Schumann 1893).

†**Medicus**, [Medikus,] (Dr med) Friedrich Casimir [Kasimir] (6 Jan 1736–15 Jul 1808); {Medic. or Medik.}; Ger physician & botanist: dir at Univ of Heidelberg & curator at Mannheim bot garden 1766~;
Book [1786] *Theodora Speciosa, ein Neues Pflanzen Geschlecht* Mannheim, Ger; 116p; (Fragment der Aloe-Familie; 31p);
desc *genera*:
Catevala 1786 (syn of Haworthia DUVAL),
Dipcadi (s Europe, Arabian Peninsula, tropical & s Africa, Mada, India) 1790,
Kedrostis (Old World tropics) 1791.

Medina, JC;
Book [1954] *O Sisal* Sao Paulo; 286p.

†**Medina**, L;
Book [1918] *L'Agave sisalana Nella Sua Coltura ed Industria* Napoli; 133p.

†**Medinilla**, [Medinilla y Pifieda,] José de; Spanish governor of Mariana Islands (Guam Island) 1812–22 & 1826–31;
***genus* nah:**
Medinilla (tropical Asia, Africa, Pacific Islands) (desc & nah by C Guadichaud 1830).

†**Medricky**, Georg (1926–1994); Ger horticulturist; interested in Cactaceae literature;
Book [1991] *Das Gesamtregister des Informationsbriefes der ZAG Mammillarien 1975–86* Osnabruck, Ger; Ger; 64p.

†**Meerburgh**, Nicolaas ([babtized 3 Feb] 1734–20 Mar 1814); {Meerb.}; Dutch gardener, botanist & botanical artist; curator at Leiden bot garden 1774~;
desc *species*:
(Stapelia) **tuberosa** (RSA) 1789 (disc by CP Thunberg c1772) —> **Brachystelma tuberosum** by J Sims 1822.

Meerstadt, A; {Meerst.};
transfer *species*:
"Borzicactus tuberculatus" (JD Donald 1979) —> **Matucana tuberculata** [w R Bregman, P Melis & AB Pullen] 1987.

†**Meeuse**, (Prof) (Dr) Adrianus Dirk Jacob (18 Oct 1914–15 Sep 2010); {A.Meeuse}; Dutch botanist; PhD in biology at Leiden Univ, Netherlands 1941; worked in biological technology at Fibre Research Institute, Delft 1942–52; worked at Nat'l Herbarium, Pretoria, RSA 1952–60; prof of systematic botany & plant geography at Hugo de Vries Laboratory at Univ of Amsterdam 1960~; collected in RSA, Comoro Islands & Mada w HJ Lam 1938–39 & in Namibia, Angola, Mascarene Islands, Canary Islands & Europe; authored books on taxonomy, morphology & phlogeny; spouse Flora [née Buchan] Meeuse (–1976);
Book [1962] *The Cucurbitaceae of Southern Africa*; 111p;
desc *species*:
(Cucumis) **kalahariensis** (Botswana, Namibia) 1962,
(Ipomoea) **transvaalensis** (Gauteng, Limpopo) 1957;
transfer *species*:
"Convolvulus oenotheroides" (C von Linne *fil.* 1782) —> **Turbina oenotheroides** 1957,
"Ipomoea oblongata" (JD Choisy 1845) —> **Turbina oblongata** 1957,
"Ipomoea robertsiana" (AB Rendle 1901) —> **Turbina robertsiana** 1957,
"Ipomoea suffruticosa" (WJ Burchell 1824) —> **Turbina suffruticosa** 1957,
"Pisosperma capense" (OW Sonder 1862) —> **Kedrostis capensis** 1962;
desc *variety*:
(Coccinia rehmannii var) **littoralis** (Mozambique, RSA) 1962.

Megata, Molitane; Japanese botanist; one of founders (1934) & secretary of C&SS of Japan;
Book [1941] *Eine Liste von Chromosomenzahlen bei Kakteen und Anderen Sukkulenten* Tokyo, Japan; Latin/Japanese; 16p,
[1944] *An Account of the Genus Astrophytum LEMAIRE* Kyoto, Japan; Eng; 62p.

Meglioli, Silvio (fl. 1971); Argentina mtn climber; collected in Argentina;
***species* nah:**
(Pterocactus) **megliolii** (Argentina) (desc & nah by R Kiesling 1971 & disc by CR Volponi 1971),
(Pyrrhocactus) **megliolii** (Argentina) (desc & nah by W Rausch 1974) —> **Eriosyce megliolii** by RM Ferryman 2005.

†**Mehlhorn**, W;
Book [1935] *Aus Dem Reiche der Kakteen* Werdau.

†**Mehta**, Pherozshaw Rustomjee; worked at USDA, DC;
Book [1904] *Prickly Pear & Aloe as Fodder for Cattle during Scarcity* DC; Eng; (?pub after death?).

†**Meigen**, Friedrich Carl (1864–); {F.Meigen}; Ger to Chile;
transfer *species*:
"Tillaea peduncularis" (JE Smith 1817) —> **Crassula peduncularis** 1893,
"Tillaea solieri" (C Gay 1847) —> **Crassula solieri** 1893.

Meikle, Robert Desmond (18 May 1923–); {Meikle}; British botanist at Kew Herbarium; expert on flora of Cyprus;
***species* nah:**
(Euphorbia) **desmondii** (Nigeria) (desc & nah by RWJ Keay & EWB Milne-Redhead 1955);
transfer *species*:
"Umbilicus pallidiflorus" (J Holmboe 1914)—> **Rosularia pallidiflora** 1977.

†**Meinshausen**, **Karl** Friedrich (2 May 1819–20 Nov 1899); {Meinsh.}; Ger/Russian botanist at St. Petersburg & curator of bot garden ≈1851; curator of bot museum at Academy of Sciences 1851–96;

desc *species*:
(Mamm) **picta** (Tamaulipas, Nuevo Leon, San Luis Potosi) 1858.

Meintjes, Clyde Conrad Carl (16 Jul 1936–); RSA architect; worked in Arabia; interested in succ;
***species* nah:**
(Tavaresia) **meintjesii** (Transvaal) (desc & nah by RA Dyer 1954);
disc *species*:
(Euphorbia) **seibanica** [w JJ Lavranos] (Yemen) 1962 (desc by JJ Lavranos & AN Al-Gifri 1999).

Meiring, PL;RSA gardener w Hurling & Neil nursery, Bonnievale, Western Cape;
***variety* nah:**
(Haworthia magnifica var) **meiringii** (Western Cape) (desc & nah by MB Bayer 1976).

Melis, P; {Melis};
transfer *species*:
"Borzicactus tuberculatus" (JD Donald 1979) —> **Matucana tuberculata** [w A Meerstadt, R Bregman & AB Pullen] 1987.

†**Melle**, Henry Augustus (7 May 1893–10 Nov 1957); RSA agrostologist; attended S Africa College School, Cape Town, RSA & Brasenose College, Oxford Univ, Eng, in agricultural science; worked at Groenkloof Bot Station into 1920s; farmer in Pretoria District, RSA mid 1920s~;
***species* nah:**
(Mesemb) **mellei** (Western Cape) (desc & nah by HML Bolus 1922) —> **Carpobrotus mellei** by HML Bolus 1927.

†**Mello-Barreto**, (Dr) Henrique Lahmeyer de (1892–1962); Brazilian botanist;
first collector of Uebelmannia species;
disc *species*:
(Parodia) **gummifera** (Minas Gerais) 1938 (desc by C Backeberg & O Voll 1950) —> **Uebelmannia gummifera** by AFH Buining 1967.

†**Melville**, (Dr) Ronald (12 Mar 1903–6 Aug 1985); {Melville}; British pharmacist & botanist; PhD at London Univ 1934; worked at Royal Bot Gardens, Kew 1934–68; FLS 1938; specialist on Australian flora;
disc *species*:
(Aloe) **brunneostriata** [w JJ Lavranos, PRO Bally & FK Horwood] (Somalia) 1973 (desc by JJ Lavranos & S Carter 1992);
desc *species*:
(Trianthema) **australis** (Australia) 1952 —> **Zaleya galericulata** ssp **australis** by SWL Jacobs 1988,
(Trianthema) **galericulata** (Australia) 1952 —> **Zaleya galericulata** by H Eichler 1965,
(Trianthema) **redimita** (Kenya) 1952 —> **Zaleya redimita** by HEK Hartmann 2001.

†**Mendes**, (Dr) Eduardo José Santos Moreira (26 Nov 1924–24 Sep 2011); {Mendes}; Portuguese botanist; licenciate at Univ of Lisbon 1946 & in botany dept 1946–54; at Junta de Investigacoes do Ultramar 1954–74; dir of Centro de Botanica, Lisbon & dir of herbarium1974–86; collected in Angola 1955–56 & 1959–60; one of founding contributors to *Flora Zambesiaca*;
***species* nah:**
(Ceropegia) **mendesii** (Angola) (desc & nah by KD Stopp 1971),
(Erythrina) **mendesii** (Zambia, Angola, Namibia, Botswana) (desc & nah by AR da Torre 1965);
disc *species*:

(Aloe) **mendesii** (Angola, Namibia) 1956 (desc & nah by GW Reynolds 1964),
(Euphorbia) **eduardoi** (Angola, Namibia) (desc & nah by LC Leach 1968).

†**Mendonca**, [Mendonça,] Francisco de Ascencão (30 May 1889–28 Sep 1982); {Mendonca}; Portugese botanist; specialist on Capparidaceae & Malvaceae; prof at Coimbra Univ, Portugal; explored & collected in Angola [w AW Exell] 1927 & 1937, in Mazambique 1942–55; made extensive explorations through Zimbabwe, Mozambique, Malawi & Zambia [w AW Exell & H Wild] 1955;
desc *species*:
(Ceraria) **carrissoana** [w AW Exell] (Angola) 1939 (na LW Carrisso),
(Cissus) **uter** [w AW Exell] (Angola) 1952 —> **Cyphostemma uter** by BM Descoings 1960,
(Sedopsis) **carrissoana** [w AW Exell] (Angola) 1939 —> **Portulaca carrissoana** by BL Nyananyo 1986.

Mendoza, María Laura; {M.L.Mendoza};
disc *species*:
(Sedum) **mocinianum** [w CE Glass] (Guanajuato) 1998 (desc by E Perez-Calix 1998 & na JM Mocino).

Mendoza-Garcia, [Mendoza-García,] Mario (fl. 1997); {Mend.-Garc. or M.Mendoza}; Cante, A.C. Guanajuato, Mex;
disc *species*:
(Graptopetalum) **mendozae** [w MS Pichardo] (Veracruz) 1992 (desc by CE Glass & M Chazaro 1997 & na M Mendoza);
desc *species*:
(Echeveria) **cante** [w CE Glass] (Zacatecas) 1997 (disc by CE Glass 1969),
(Thelocactus) **garciae** [w CE Glass] (Tamaulipas) 1997 (disc by JA Garcia Luna 1996) —> **Thelocactus conothelos** ssp **garciae** by A Mosco & C Zanovello 2000.

†**Meneses**, Elias (1929–1980);student of Marin Cardens;
disc *species*:
(Rebutia) **pulchera** (Chuquisaca) 1969 (desc by M Cardenas 1970).

†**Menezes**, [Meneses,] Carlos Azevedo de (26 Aug 1863–1 May 1928); {Menezes}; Portuguese botanist; municipal librarian at Funchal, Madeira Island;
desc *variety*:
(Euphorbia obtusifolia var) **despoliata** (Salvage Island of Madeira Islands) 1924 —> **Euphorbia despoliata** by T Monod 1990.

†**Mennell**, Brian T; Louisvale, RSA;
disc *species*:
(Piaranthus) **mennellii** (Cape) 1934 (desc & nah by CA Luckhoff 1935),
(Piaranthus) **pallidus** (Cape) 1934 (desc by CA Luckhoff 1935).

†**Mennie**, (Mr) A (fl. 1937);
***species* nah:**
(Ruschia) **menniei** (Western Cape) (desc & nah by HML Bolus 1965) —> **Antimima menniei** by HEK Hartmann 1998.

†**Menyharth**, [Menyhárth,] László [Ladislav, Ladislaus] (30 May 1849–16 Nov 1897); Austro-Hungarian missionary & botanist; missionary in Zamesi region of Zambia 1890~; collected in Zambia;
***species* nah:**

(Aloe) **menyharthii** (Mozambique, Malawi) (desc & nah by JG Baker 1898).

Meredith, York; Australia; explored in Malaysia;
***species* nah:**
(Hoya) **meredithii** (Malaysia) (desc & nah by T Green 1988).

Meregalli, (Dr) Massimo (16 Jan 1952–); {Mereg.}; Italian entomologist & botanist; prof of life sciences & systems biology at Univ of Turin, Italy; specialist in Sempervivum & Gymnocalycium; IOS member 1985;
Book [1992] *Il Genere Copiapoa* [w C Doni]; Italian; 101p; (from Piante Grasse 1991 magazine, Vol 11),
[1996] *An Annotated Checklist of the Genus Gymnocalycium PFEIFFER ex MITTLER (Cactaceae)* [w D Metzing & R Kiesling] Torino; Eng; 47p;
transfer *species*:
"Gymnocalycium valnicekianum" (B Jajo 1934) —> **Gymnocalycium mostii** ssp **valnicekianum** [w GJ Charles] 2008.

†**Merkl**, KL;
Book [1916] *Die Kakteensamlung*; Ger; 255p.

†**Merrill**, (Prof) (Dr hc) Elmer Drew (15 Oct 1876–25 Feb 1956); {Merr.}; US botanist & plant systematist; MA in botany at Univ of Maine 1899; worked at USDA as a botanist in the Philippines 1902–23; prof at Univ of Calif, Berkeley 1924–29; prof of botany at Columbia Univ & dir at NY Bot Garden, succeeding NL Britton 1929–35; prof of botany at Harvard Univ & dir of Arnold Arboretum 1935–46; honorary doctorates from Univ of Maine, Harvard Univ, Univ of Calif & Yale Univ by 1930s; traveled & collected in China, Indonesia, Malaysia, New Caledonia, Papua New Guinea & Philippines 1902–23; Linnean Medal 1939; spouse Mary Augusta [née Sperry] Merrill;
Book [1938] *Biographical Memoir of Nathaniel Lord Britton*; Eng,
[1949] *Index Rafinesquianus* Jamaica Plain, Massachucetts; Eng; 296p;
desc *species*:
(Myrmecodia) **archboldiana** [w LM Perry] (Papua) 1945,
(Myrmecodia) **brassii** [w LM Perry] (Papua) 1945 (disc by LJ Brass & nah),
(Myrmecodia) **lamii** [w LM Perry] (Papua) 1945 (na HJ Lam),
(Myrmecodia) **pendens** [w LM Perry] (Papua New Guinea) 1945,
(Myrmecodia) **sterrophylla** [w LM Perry] (New Guinea) 1945;
transfer *species*:
"Collyris major" (M Vahl 1938) —> **Dischidia major** 1917,
"Marsdenia parasitica" (FM Blanco 1837) —> **Dischidiopsis parasitica** 1918,
"Stapelia meliflua" (FM Blanco 1837) —> **Hoya meliflua** 1918.

†**Mertens**, Franz Carl [Karl] (3 Apr 1764–19 Jun 1831); {Mert.}; Ger botanist, algologist, taxonomist & educator; dir of business school & prof of botany at Bremen Univ; interested in algae; (not to be confused w son Karl Heinrich Mertens (1796–1830));
desc *genus*:
Jovisbarba [w WDJ Koch] (Europe) 1831 —> **Jovibarba** by PM Opiz 1852;
desc *species*:
(Sempervivum) **wulfenii** [w WDJ Koch] (eastern Alps) 1831 (na F von Wulfen).

†**Merve**, CR van der;
Book [1931] *Prickly Pear & its Eradication* Pretoria, RSA; 32p.

†**Merwe**, (Dr med) Frederick Ziervogel van der (10 Dec 1894–2 Jan 1968); {Van der Merwe}; RSA physician & botanist; MD at Trinity College, Dublin 1920; medical inspector of schools in Transvaal & Natal; PhD at Witwatersrand Univ 1930; specialized in Aloe & Scilla species; collected succ in Transvaal & Natal, RSA;

***species* nah:**

(Delosperma) **vandermerwei** (Limpopo) (desc & nah by HML Bolus 1950);

disc *species*:

(Aloe) **branddraaiensis** (Mpumalanga) 1938 (desc by BH Groenewald 1940),
(Aloe) **dolomitica** (Transvaal) 1936 (desc by BH Groenewald 1938),
(Aloe) **hlangapies** (RSA) 1935 (desc by BH Groenewald 1936),
(Aloe) **vandermerwei** (Transvaal) (desc & nah by GW Reynolds 1938),
(Aloe) **vryheidensis** (Natal) 1936 (desc by BH Groenewald 1937),
(Euphorbia) **complexa** (Mpumalanga) 1936 (desc by RA Dyer 1937),
(Euphorbia) **grandialata** (Mpumalanga) 1936 (desc by RA Dyer 1937),
(Euphorbia) **groenewaldii** (Limpopo) 1936 (desc by RA Dyer 1938 & na BH Groenewald),
(Euphorbia) **vandermerwei** (Mpumalanga) c1935 (desc & nah by RA Dyer 1937),
(Euphorbia) **zoutpansbergensis** [w J van der Vyver] (Limpopo) 1937 (desc by RA Dyer 1938);

transfer *species*:

"Cissus oleracea" (HML Bolus 1909) —> **Cyphostemma oleraceum** 1971.

†**Merwe**, RJS van der (fl. 1929);

***species* nah:**

(Drosanthemum) **vandermerwei** (Western Cape) (desc & nah by HML Bolus 1929).

†**Merxmuller**, [Merxmüller,] (Dr) Hermann (30 Aug 1920–8 Feb 1988); {Merxm.}; Ger botanist; PhD at Univ of Munich, Ger 1951; dir of Botanische Staatssammlung at Munchen 1955~; prof of systematic botany & dir of Institute of Systematic Botany of Munchen Univ 1958~; pub about taxonomy, cytotaxonomy, plant geography & general systematics from s Africa; collected in Namibia 1957–58, 1963, 1972, 1975 & 1977, sometimes w JWH Giess;

Book [1966–71] *Prodromus einer Flora von Sudwestafrika*; (editor of);
[1967] Asclepiadaceae; 71p; HFJ Huber, author;
[1970] *Aizoaceae*; 135p of 44 genera;
[1970] *Liliaceae*; 75p of 28 genera;

desc *species*:

(Aloe) **arenticuada** [w JWH Giess] (Namibia) 1974,
(Ceraria) **longipedunculata** [w D Podlech] (Namibia) 1961,
(Commiphora) **wildii** (Namibia)1960 (na H Wild),
(Hymenosicyos) **bryoniifolius** (RSA, Mozambique, Malawi, Zimbabwe, Tanzania, Zambia) 1953 —> **Cucumella bryoniifolia** by C Jeffrey 1962,
(Monsonia) **ignorata** [w A Schreiber] (Namibia) 1965,
(Othonna) **cyclophylla** (Namibia, Northern Cape) 1965,
(Othonna) **opima** (Northern Cape, Namibia) 1965;

desc *subsp*:

(Crassula pharnaceoides ssp) **rhodesica** (Namibia, Angola, Zimbabwe, Tanzania, Kenya, Zambia) 1951 —> **Crassula rhodesica** by GE Wickens & M Bywater 1980.

Mes, (Dr) Theodorus [**Ted**] Hendrikus Maria (1 Feb 1967–); {T.Mes}; Dutch biologist; PhD in biology at Utrecht Univ, Netherlands 1995; interested in Crassulaceae;

Book [1995] *Origin & Evolution of the Macaronesian Sempervivoideae (Crassulaceae)* Utrecht; 215p;

(PhD Thesis);
transfer *species*:
"Greenovia aizoon" (CA Bolle 1859) —> **Aeonium aizoon** 1995,
"Greenovia diplocycla" (CA Bolle 1859) —> **Aeonium diplocyclum** 1995,
"Sempervivum aureum" (JW Hornemann 1819) —> **Aeonium aureum** 1995,
"Sempervivum dodrantale" (KL von Willdenow 1809) —> **Aeonium dodrantalis** 1995.

Mesa, Aldo; prof in Santiago, Chile;
Book [1981] *Nolanaceae. Flora Neotropica (a Monograph)*; French; 202p;
transfer *species*:
"Alona balsamiflua" (C Gaudichaud 1851) —> **Nolana balsamiflua** 1981.

Mesfin, (Dr) Tadesse (1951–); {Mesfin}; Ethiopian botanist; PhD at niv of Uppsala, Sweden 1984; curator of vascular plants at Ohio State Univ Herbarium; apeializes in Asteraceae; explored in Ethiopia;
desc *species*:
(Kleinia) **isabellae** [w M Dioli] (Ethiopia) 2000 (disc by Isabella Dioli 1999 & nah);
desc *variety*:
(Solanecio tuberosus var) **pubescens** (Ethiopia) 1994 —> **Senecio tuberosus** var **pubescens** by GD Rowley 1994.

†**Messer**, Karl; Ger teacher; curator in Bremen, Ger;
***species* nah:**
(Vohemaria) **messeri** (Mada (desc & nah by FGP Buchenau) 1889) —> **Cynanchum messeri** by HL Jumelle & JMH Perrier de la Bathie 1911.

†**Meszaros**, [Mészáros,] (Dr) Zoltán (19 Jul 1936–17 Nov 2017); Hungarian horticulturist, entomologist, cactus researcher, professor; member of Hungarian Entomological Society;
Book [1969] *Viragzo Kaktuszok* Budapest, Hungary; 311p,
[1971] *Torpe Kaktuszok* [w D Szabo] Budapest; 128p.

Metorn, Wolfgang; {Metorn}; Ger Echinocereus specialist;
***species* nah:**
(Echinocereus) **metornii** (Coahuila) 1989 (desc & nah by GRW Frank 1990).

Mettee, G;
Book [1987] *Gattungsnamen Bei Kakteen und Ihre Bedeutung* Leipzig; 22p.

†**Metzger**, Jean Arthur Fernand (1930–2002); {J.Metzg.}; France;
desc *species*:
(Sedum) **aytacianum** (Turkey) 1994 (disc by JAF Metzger 1992 & na Z Aytac),
(Sedum) **meyranianum** [w RA Rosas] (Jalisco) 1999 (na J Meyran),
(Sedum) **raramuri** (Chihuahua) 2004 (disc by F Brandt & MW Kimnach 1967.

Metzing, Detlev (1960–); {Metzing}; Ger biologist; prof at Institut für Biologie und Umweltwissenschaftern, Carl von Ossietzky Universität Oldenburg, Ger; IOS member 1991;
Book [1996] *An Annotated Checklist of the Genus Gymnocalycium PFEIFFER ex MITTLER (Cactaceae)* [w M Meregalli & R Kiesling] Torino; Eng; 47p,
[2002] *Kakteen und andere Sukkulenten in Brazilien* = "Cacti of Brazil" [w J Thiede] Bremen; Ger/Eng; 235p,
[2004] *Biodiversity & Ecology, Vol 2* [w J Thiede, N Jurgens & M Veste]; Eng/Ger; 250p; (includes articles on Mesembs & Stapeliads),

[2015] *Biogeography & Biodiversity of Cacti*; Eng/Ger; 205p; (published as the 7th edition of Schumannia w D Metzing as editor);

desc *species*:

(Frailea) **alexandri** (Paraguay) 2006 (disc by Alexander Arzberger 1985 & nah),

(Gymnocalycium) **robustum** [w R Kiesling & OF Ferrari] (Cordoba) 2002 (disc by R Kiesling & OF Ferrari 1987);

transfer *species*:

"Gymnocalycium acorrugatum" (JG Lambert 1988) —> **Gymnocalycium castellanosii** ssp **acorrugatum** [w R Kiesling] 2003,

"Gymnocalycium cardenasianum" (F Ritter 1964) —> **Gymnocalycium spegazzinii** ssp **cardenasianum** [w R Kiesling] 1996;

desc *subsp*:

(Frailea mammifera ssp) **angelesiae** [w R Kiesling] (Argentina) 2006 (disc by R Kiesling & AG Lopez 1983).

transfer *variety*:

"Frailea cataphracta var tuyensis" (AFH Buining & G Moser 1971) —> **Frailea pygmaea** ssp **tuyensis** 2006.

Meuhlenpfordt, F — See **Muhlenpfordt**, F.

†**Meulen**, [née Gerharda] (Dr) Regina van der (11 Apr 1888–);

Book [1917] *Welwitschia mirabilis (Morphologie van het Zaad en de Vegetative Organen)* Groningen, Netherlands; 140p; (PhD Thesis).

†**Meusel**, (Prof) (Dr) Hermann (2 Nov 1909–3 Jan 1997); Ger botanist;
PhD at Halle Univ 1935, student of W Troll; prof at Institute of Systematic Botany of Univ of Halle, Ger 1935~; interested in chorology of eurasiatic flora;

***species* nah:**

(Senecio) **meuselii** (Mada) (desc, disc & nah by WHH Rauh 1971).

Meve, (Dr) Ulrich (1958–); {Meve}; Ger botanist; PhD in Stapeliads under F Albers; prof of plant systematics at Univ of Bayreuth, Ger 2008~; specialist in Asclepiadaceae; IOS member 1987 & VP 3 Jul 2012–Mar 2014; explored in Tanzania 1999 & in Philippines 2006;

Book [1997] *The Genus Duvalia (Stapelieae): Stem succ between the Cape & Arabia* Wien, Austria; Eng; 132p w 23 color photos,

[2001–03] *Succ Lexicon — Illustrated Handbook of Succ Plants* Berlin, Ger; Eng edition; (in 6 Vols); series editors: U Eggli & HEK Hartmann;

[2002] Vol 4; *Asclepiadaceae*; 318p + 48p of color plates w 472 photos; (book editors F Albers & U Meve);

***species* nah:**

(Cynanchum) **mevei** (Mada) (desc & nah by SL Liede 1996);

desc *species*:

(Brachystelma) **bracteolatum** (Nigeria) 1997,

(Ceropegia) **striata** [w PS Masinde] (Mada) 1998,

(Ceropegia) **thailandica** (Thailand) 2009 (disc by R Pooma, P Karaket, N Pattharahirantricin & U Kawatkul 2008),

(Ceropegia) **yemenensis** [w RD Mangelsdorff] (Yemen) 2001,

(Cibirhiza) **albersiana** [w H Kunze & SL Liede] (Tanzania, Zambia) 1994 (na F Albers),

(Cynanchum) **crassipedicellatum** [w SL Liede] (Mada) 1994,

(Cynanchum) **floriferum** [w SL Liede] (Mada) 2001,

(Cynanchum) **folotsioides** [w SL Liede] (Mada) 1996,

(Cynanchum) **grandidieri** [w SL Liede] (Mada) 2001 (na A Grandidier),

(Cynanchum) **hardyi** [w SL Liede] (Mada) 1996 (na DS Hardy),

(Cynanchum) **humbert-capuronii** [w SL Liede] (Mada) 2001 (na H Humbert & RPR Capuron),
(Cynanchum) **phillipsonianum** [w SL Liede] (Mada) 1996 (na PB Phillipson),
(Cynanchum) **sigridiae** [w M Teissier] (Mada) 1996 (na Sigrid Liede),
(Cynanchum) **toliari** [w SL Liede] (Mada) 2001,
(Duvalia) **gracilis** (Eastern Cape) 1997,
(Duvalia) **vestita** (Western Cape) 1988,
(Karimbolea) **mariensis** [w SL Liede] (Mada) 1998 —> **Cynanchum mariense** by SL Liede & U Meve 2001,
(Pelargonium) **quarciticola** [w EM Marais] (Western Cape) 2000,
(Piaranthus) **barrydalensis** (Western Cape) 1994,
(Sarcostemma) **antsiranense** [w SL Liede] (Mada) 1997,
(Sarcostemma) **elachistemmoides** [w SL Liede] (Mada) 1995,
(Sarcostemma) **membranaceum** [w SL Liede] (Mada) 1995,
(Sarcostemma) **mulanjense** [w SL Liede] (Malawi) 1992 —> **Cynanchum viminale** ssp **mulanjense** by DJ Goyder 2009;

transfer *species*:
"Asclepias stipitacea" (P Forsskal 1775) —> **Sarcostemma viminale** ssp **stipitaceum** [w SL Liede] 1996,
“Caralluma arabica” (NE Brown 1895) —> **Desmidorchis arabicus** [w SL Liede] 2002,
"Caralluma dodsoniana" (JJ Lavranos 1971) —> **Pseudolithos dodsonianus** [w PV Bruyns] 1995,
"Ceropegia powysii" (DV Field 1982) —> **Ceropegia arabica** var **powysii** [w RD Mangelsdorff] 2001,
"Cynanchum bekinolense" (P Choux 1914) —> **Cynanchum gerrardii** ssp **bekinolense** [w SL Liede] 2001,
"Duvalia compacta" (AH Haworth 1812) —> **Duvalia caespitosa** var **compacta** 1997,
"Folotsia ambovombensis" (SL Liede 1996) —> **Cynanchum ambovombense** [w SL Liede] 2001,
"Karimbolea verrucosa" (BM Descoings 1960) —> **Cynanchum verrucosum** [w SL Liede] 2001,
“Piaranthus cornutus” (NE Brown 1908) —> **Piaranthus decorus** ssp **cornutus** 1994,
"Piaranthus foetidus" (NE Brown 1908) —> **Piaranthus geminatus** var **foetidus** 1994,
"Platykeleba insignis" (NE Brown 1895) —> **Cynanchum insigne** [w SL Liede] 2001,
"Prosopostelma aculeatum" (BM Descoings 1957) —> **Cynanchum aculeatum** [w SL Liede] 1996,
"Riocreuxia nepalensis" (A Radcliffe-Smith 1967) —> **Brachystelma nepalense** 1997,
"Sarcostemma thunbergii" (G Don 1838) —> **Sarcostemma viminale** ssp **thunbergii** [w SL Liede] 1993,
"Stapelia miscella" (NE Brown 1909) —> **Orbea miscella** 2000,
"Tenaris browniana" (S Moore 1912) —> **Brachystelma brownianum** 2001;

desc *subsp*:
(Rhytidocaulon macrolobum ssp) **minimum** [w IS Collenette] (Saudi Arabia, Yemen) 1999,
(Sarcostemma viminale ssp) **orangeanum** [w SL Liede] (Namibia, Northern Cape, Free State) 1993,
(Sarcostemma viminale ssp) **suberosum** [w SL Liede] (Africa) 1996 —> **Cynanchum viminale** ssp **suberosum** by DJ Goyder 2009;

transfer *variety*:
"Caralluma burchardii var maura" (RCJ Maire 1923) —> **Caralluma burchardii** ssp **maura** [w F Albers] 1995,
"Duvalia sulcata var seminude" (JJ Lavranos 1967) —> **Duvalia sulcata** ssp **seminuda** 1997,
"Duvalia sulcata var somalensis" (JJ Lavranos 1971) —> **Duvalia sulcata** ssp **somalensis** 1997,
"Macropetalum burchellii var grandiflorum" (NE Brown 1908) —> **Brachystelma burchellii** var **grandiflorum** 2001.

Mexican Trading Company;
Book [1928] *Cacti & Their Culture* El Paso, Texas; Eng; 24p.

†**Meyen**, (Prof) (Dr med) Franz Julius Ferdinand (28 Jun 1804–2 Sep 1840); {Meyen}; Prussian physician, botanist & bot artist; MD at Berlin Univ 1826; PhD at Bonn Univ 1834; prof of botany at Berlin Univ, Ger 1834~; explored & collected in Peru & Bolivia 1831 during round the world tour 1830–32; honorary doctorate at Univ of Bonn, Ger 1834;

disc *genus*:

Weberbauerocereus (Peru) c1833 (desc by C Backeberg 1942 & na A Weberbauer);

desc *species*:

(Cereus) **aureus** (Peru) 1833 —> **Corryocactus aureus** by F Buxbaum 1963,

(Cereus) **arequipensis** (Peru) 1835 —> **Neoraimondia arequipensis** by C Backeberg 1937,

(Cereus) **candelaris** (Chile, Peru) 1833 (disc by him c1832) —> **Browningia candelaris** by NL Britton & JN Rose 1920,

(Echeveria) **peruviana** (Peru) 1834,

(Diaphoranthus) **fuscus** (Antofagasta to Coquimbo) 1834 —> **Polyachyrus fuscus** by WG Walpers 1843.

Meyer, ?; collected in Argentina ≈1945;

***species* nah:**

(Portulaca) **meyeri** (Argentina) (desc & nah by CMD Legrand 1945).

†**Meyer**, [née Olpp,] Anna Bertha Luise (1 Jun 1873–23 Mar 1956); Namibia to RSA; accompanied spouse on collecting trips; spouse LG Meyer;

***species* nah:**

(Ruschia) **meyerae** (Little Namaq) (desc & nah by MHG Schwantes 1930) —> **Antimima meyerae** by HEK Hartmann 1998.

†**Meyer**, Carl [Karl] Anton [Andreevič] von (1 Apr 1795–24 Feb 1855); {C.A.Meyer}; Russian botanist; explored in Crimea, Baltic area, Altai & Caucasus ≈1830; assistant at bot garden in St. Petersburg 1832–50 & dir 1850~;

Book [1846–69] *Sertum Petropolitanum seu icones et Descriptiones Plantarum, quae in Horto Botanico Imperiali Petropolitano Floruerunt* St. Petersburg, Russia; (in 4 Vols);

[1846] Vol 1; 15p; editor FEL Fischer;

[1852] Vol 2; 13p; editors FEL Fischer & CA von Meyer;

[1869] Vols 3&4; 21p; editor EA vol Regel;

desc *species*:

(Cotyledon) **subulata** (Turkey, Georgia A, Azerbaidzhan, Armenia, Iran, USSR) 1831 —> **Sedum subulatum** by PE Boissier 1872,

(Crassula) **pharnaceoides** [w FEL von Fischer] (Ethiopia, Sudan, Cameroon, Kenya, Somalia, Uganda) 1841 —> **Crassula alata** ssp **pharnaceoides** by GE Wickens & M Bywater 1980,

(Crassula) **schimperi** [w FEL von Fischer] (China, India, Nepal, Pakistan, Kenya Uganda, Tanzania, Yemen, Bhutan) 1842 (na GHW Schimper),

(Rhodiola) **gelida** [w FEL Fischer] (USSR, Tadzhikistan, Mongolia, China) 1841,

(Sedum) **gracile** (Turkey, Caucasus, Iran) 1831,

(Sedum) **kamtschaticum** [w FEL Fischer] (Siberia, China, Japan, Korea) 1841 —> **Phedimus kamtschaticus** by H 't Hart 1995,

(Sedum) **obtusifolium** (Caucasia, Armenia, Iran, Turkey) 1831 —> **Phedimus obtusifolius** by H 't Hart 1995;

transfer *species*:

"Sedum algidum" (CF Ledebour 1830)—> **Rhodiola algida** [w FEL von Fischer] 1841,

"Sedum quadrifidum" (PS von Pallas 1776) —> **Rhodiola quadrifida** [w FEL von Fischer] 1841,

"Sedum stephanii" (LKA von Chamisso 1831) —> **Rhodiola stephanii** [w ER von Trautvetter] 1856.

Meyer, Claire — See Ralph & Claire **Proctor**.

†**Meyer**, (Prof) (Dr med) Ernst [**Ernest**] Heinrich Friedrich (1 Jan 1791–7 Aug 1858); {E.Mey. or E.H.Mey.}; Prussian physician & botanist; MD at Göttingen 1819; prof of botany & dir of bot garden at Königsberg Univ 1826~; PhD at Königsberg Univ 1829;
Book [1835–37] *Commentariorum de Plantis Africae Australioris*; 326p;

desc *genera*:

Aspidoglossum (se Africa) 1838,

Schizoglossum (Lesotho, Eastern Cape, Free State, Natal, Swaziland,Mpumalanga) 1838;

***species* nah:**

(Brachystelma) **meyerianum** (Eastern Cape) (desc & nah by FRR Schlechter 1895 & disc by JF Drege),

(Ceropegia) **meyeri** (Zambia, Zimbabwe, Mozambique, Malawi, RSA, Namibia) (desc & nah by J Decaisne 1844 & disc by JF Drege),

(Crassula) **meyeri** (Natal) (desc & nah by WH Harvey 1862) —> **Crassula capitella** ssp **meyeri** by HR Tolken 1975;

desc *species*:

(Aspidoglossum) **biflorum** (Malawi, Mozambique, Zimbabwe, Natal, Limpopo, Free State, Namibia) 1838,

(Aspidoglossum) **fasciculare** (Eastern Cape, Natal) 1838,

(Aspidoglossum) **heterophyllum** (Eastern Cape, Western Cape) 1838,

(Brachystelma) **circinatum** (Namibia, Botswana, RSA) 1837,

(Brachystelma) **comaru** (Western Cape, Eastern Cape) 1837 —> **Fockea comaru** by NE Brown 1908,

(Brachystelma) **hirsutum** (Namibia, Botswana, RSA, Swaziland) 1837 —> **Raphionacme hirsuta** by RA Dyer 1942,

(Brachystelma) **micranthum** (Eastern Cape) 1837,

(Brachystelma) **sinuatum** (Western Cape, Eastern Cape, Free State) 1837 —> **Fockea sinuata** by GC Druce 1917,

(Ceropegia) **ampliata** (Mada, RSA n into tropical Africa) 1837 (disc by JF Drege c1830),

(Ceropegia) **carnosa** (Eastern Cape, Natal, Swaziland, Kenya) 1837 (disc by JF Drege c1830),

(Ceropegia) **fimbriata** (Eastern Cape) 1837 (disc by JF Drege c1830),

(Ceropegia) **linearis** (Mozambique, Eastern Cape, Natal) 1837 (disc by JF Drege c1830),

(Dolichos) **sericeus** (Ethiopia to RSA) 1836,

(Erythrina) **acanthocarpa** (Eastern Cape)1836,

(Lagarinthus) **corniculatus** (Natal, Mpumalanga, North-West, Northern Cape, Eastern Cape) 1837 —> **Stenostelma corniculatum** by AA Bullock 1952,

(Lagarinthus) **gracilis** (Western Cape, Eastern Cape, Natal) 1838 —> **Aspidoglossum gracile** by FK Kupicha 1984,

(Lagarinthus) **interruptus** (Tropical Africa, Zimbabwe) 1838 —> **Aspidoglossum interruptum** by AA Bullock 1952,

(Lagarinthus) **virgatus** (Eastern Cape, Natal) 1838 —> **Aspidoglossum virgatum** by FK Kupicha 1984,

(Pelargonium) **sericeum** (Cape, Little Namaq),

(Schizoglossum) **atropurpureum** (Eastern Cape, Mpumalanga) 1838,

(Schizoglossum) **bidens** (Eastern Cape, Free State) 1838,

(Schizoglossum) **cordifolium** (Eastern Cape, Mpumalanga, Natal) 1838,

(Schizoglossum) **hamatum** (Eastern Cape, Natal) 1838,

(Schizoglossum) **virens** (Eastern Cape, Natal) 1838 —> **Schizoglossum atropurpureum** ssp **virens** by FK Kupicha 1984,

(Tenaris) **rubella** (Kenya, Tanzania, Uganda, Eastern Cape, Natal, Mpumalanga) 1839 —> **Brachystelma rubellum** by R Peckover 1996.

†**Meyer**, Helmut Ernst (8 Nov 1908– Oct 1995); RSA horticulturist; horticulture training as assistant to AGS Herre 1930–33 & at Tübingen, Ger 1933–35, at Stuttgart 1935–36 & at München 1937; horticulturist at Stellenbosch Univ gardens 1938–73; collected in Namaq w AGS Herre; father LG Meyer;
***species* nah:**

(Lithops) **helmutii** (Little Namaq) (desc & nah by HML Bolus 1933 & disc by LG Meyer 1932).

†**Meyer**, (Dr hc) Johannes [**Hans**] (22 Mar 1858–5 Jul 1929); German geographer & publisher; publishing dir of Bibliographical Institute 1885–1915 & devoted himself to research projects in Africa 1886–1911; expeditions in Ger East Africa 1887–89 & 1911; first European to reach summit of Mount Kilimanjaro in 1889; honorary doctorate 1907 & prof of colonial geography at Univ of Leipzig 1915–28;
***species* nah:**

(Ceropegia) **meyeri-johannis** (Kenya, Uganda, Tanzania, Malawi, Mozambique, Zaire, Zambia, Eastern Cape) (desc & nah by HGA Engler 1892),

(Sedum) **meyeri-johannis** (Kenya, Tanzania, Uganda) (desc & nah by HGA Engler 1892).

†**Meyer**, (Revd) Louis **Gottlieb** (16 Oct 1867–16 Sep 1958); Ger to RSA 1894; missionary at Steinkopf & Kommagas, Namaq, RSA 1894~; interested in natural plant history; explored in RSA & discovered numerous Mesembs; spouse ABL Meyer; son HE Meyer;
***genus* nah:**

Meyerophytum (Little Namaq) (desc & nah by MHG Schwantes 1927);
disc *genus*:

Nelia (Little Namaq) (desc by MHG Schwantes 1928 & na GC Nel);
***species* nah:**

(Mitrophyllum) **meyeri** (Little Namaq) (desc & nah by MHG Schwantes 1927) —> **Meyerophytum meyeri** by MHG Schwantes 1927,

(Stomatium) **meyeri** (Northern Cape) (desc & nah by HML Bolus 1931);
disc *species*:

(Aloe) **meyeri** (Namibia, Northern Cape) 1939 (desc & nah by EJ van Jaarsveld 1981),
(Cheiridopsis) **meyeri** (Little Namaq) (desc & nah by NE Brown 1926),
(Cheiridopsis) **peculiaris** (Namaq) (desc by NE Brown 1926),
(Conophytum) **auriflorum** (Namaq) (desc by A Tischer 1927),
(Conophytum) **ectypum** (Namaq) c1925 (desc by NE Brown 1925),
(Conophytum) **frutescens** (Namaq) (desc by MHG Schwantes 1927),
(Conophytum) **herreanthus** (Namaq) c1925 (desc by SA Hammer 1993 & na AGJ Herre),
(Conophytum) **meyeri** (Namaq) (desc & nah by NE Brown 1925),
(Conophytum) **semivestitum** (Bushmanland) 1933 (desc by HML Bolus 1937),
(Conophytum) **tantillum** (Namaq) c1924 (desc by NE Brown 1926),
(Conophytum) **velutinum** (Namaq) c1925 (desc by MHG Schwantes 1927),
(Euphorbia) **aspericaulis** (Northern Cape) 1869 (desc by FA Pax 1899),
(Lithops) **helmutii** (Little Namaq) 1932 (desc by HML Bolus 1933 & na Helmut E Meyer),
(Lithops) **meyeri** (Little Namaq) 1931 (desc & nah by HML Bolus 1932).

Meyer, [née Van Bers] Nicole Laura (12 May 1967–); {N.L.Meyer}; RSA botanist;
BSc at Pretoria Univ 1989; on staff of herbarium at Natl Bot Institute, Pretoria, RSA1992–95 & editor of its plant taxonomical publications 1995~;
Book [1997] *Taxonomic Literature of Southern African plants* [w M Mossmer & GF Smith] Pretoria, RSA; Eng; 164p; (editors of);
desc *species*:

(Astroloba) **corrugata** [w GF Smith] (Western Cape) 1998 (disc by EJ Jaarsveld 1994).

Meyer, (Dr) Paul Gerhard (11 Apr 1934–); {P.G.Meyer}; Ger botanist & teacher; DSc w thesis 'Die Acanthaceae und Euphoriaceae Südwestafrikas' at München Univ 1961; teacher in Munich 1958 & 1961, later at Höheren Privatschule, Windhoek, Namibia few yrs before returning to Ger; interested in Euphorbiaceae;
Book [1967] *Euphorbiaceae*; 46p,
[1969] *Einfuhrung in Die Pflanzenwelt Sudwestafrikas* Windhoek, Namibia; 157p.

Meyran, [Mayrán, Meyran-Garcia, Meyrán-Garcia], (Dr med) **Jorge** (21 Nov 1918–); {J.Meyrán}; Mex opthamologist, physician & horticulturist; MD at UNAM; field researcher on Cactaceae & Crassulaceae of Mex; collected in Mex; co-founder of Sociedad Mexicana de Cactologia (the Mex Soc of Cactology) 1951; editor of *Cactaceas y Succulentas Mexicanas* journal 1955–98; IOS member 1976; CSSA Fellow award 1991;CSSA MKLA award 2013;
Book [1966] *Cactaceaeas y Otras Suculentas del Estado de Mex* [w I Pina Lujan] Mex City; Spanish; 135p,
[1973] *Guia Botanica de Cactaceas y Otras Suculentas del Valle de Tehuacan* = "Bot Guide to the C&OS of the Valley of Tehuacan" Mex City, Mex; 28p in Spanish by J Meyran & 22p in Eng by DB Gold,
[2003] *Las Crasuláceas de Mex* [w LG Lopez Chavez] Azcapotzalco, Mex; Spanish; 286p w 52 plates;
***species* nah:**
(Mamm) **meyranii** (state of Mex) (desc & nah by H Bravo-Hollis 1956),
(Sedum) **meyranianum** (Jalisco) (desc & nah by J Metzger & RA Rosas 1999);
desc *species*:
(Echeveria) **kimnachii** [w R Vega] (Sinaloa) 1998 (disc by R Vega & na MW Kimnach),
(Echeveria) **laui** [w RV Moran] (Oaxaca) 1976 (disc by AB Lau 1974 & nah),
(Echeveria) **minima** (Hidalgo) 1968,
(Echeveria) **prolifica** [w RV Moran] (Puebla) 1978,
(Echeveria) **uhlii** (Oaxaca) 1992 (na CH Uhl),
(Echeveria) **waltheri** [w RV Moran] (Guerrero, México) 1961 (na EE Walther),
(Echinocereus) **lindsayi** (Baja Calif) 1975 (disc by H Sanchez-Mejorada 1975 & na GE Lindsay) —> **Echinocereus ferreirianus** ssp **lindsayi** by NP Taylor 1997,
(Euphorbia) **gumaroi** (Hidalgo) 2000,
(Mamm) **tepexicensis** (Oaxaca) 1991 (disc by F Otero 1988) —> **Mamm longiflora** ssp **tepexicensis** by JM Luthy 2000,
(Pachyphytum) **coeruleum** 1963,
(Sedum) **hernandezii** (Puebla) 1990 (na E Hernandez),
(Sedum) **ocuilense** (state of Mex) 1991,
(Sedum) **orbatum** [w RV Moran] (Puebla) 1988,
(Sedum) **tehuaztlense** [w RV Moran] (state of Mex) 1987,
(Tacitus) **bellus** [w RV Moran] (Mex) 1974 (disc by AB Lau 1972) —> **Graptopetalum bellum** by DR Hunt 1979,
(Wilcoxia) **zopilotensis** (Guerrero) 1969 (disc by E Matuda 1960) —> **Peniocereus zopilotensis** by F Buxbaum 1975;
desc *variety*:
(Echeveria longissima var) **aztatlensis** (Oaxaca) 1982,
(Echeveria setosa var) **deminuta** (Oaxaca) 1989 (disc by F Otero 1975),
(Ferocactus macrodiscus var) **septentrionalis** (Guanajuato, Queretaro) 1987 (disc by G Navarro 1986) —> **Ferocactus macrodiscus** ssp **septentrionalis** by NP Taylor 1998.

†**Mez**, (Prof) (Dr) Carl Christian (26 Mar 1866–8 Jan 1944); {Mez}; Ger botanist; PhD at Berlin Univ 1888; prof of botany at Halle Univ 1899–10; dir of Königsberg bot garden 1910–35 & at Freiburg 1935~;
desc *genus*:
Abromeitiella (Argentina) 1927;
transfer *species*:

"Lindmania chlorantha" (LL Hauman 1917) —> **Adromeitiella chlorantha** 1935.

†**Michaelis**, [Michaëlis,] Paul;
Book [1896] *Beiträge zurb Vergleichenden Anatomie der Gattungen Echinocactus, Mamm und Anhalonium* Halle, Ger; Ger; 39p; (dissertation),
[1924] *Blutenmorphologische Untersuchungen an den Euphorbiaceen* Jena, Ger; Ger; 191p.

†**Michaux**, André (7 Mar 1746–13 Oct 1802); {Michx.}; French gardener, botanist & horticulturist; explored eastern US & Canada & in Bahamas 1785–96; expedition to Mada 1801; spouse Cecile [née Claye] Michaux (–1770);
Book [1801] *Histoire des Chênes de l'Amérique* Paris, France; French; 56p; (art work by P-J Redoute),
[1803] *Flora Boreali-Americana* (= The Plants of N Amer); (in 2 Vols & pub after his death by Louis Claude Richard (1754–1821);
Vol 1; 330p w 29 plates;
Vol 2; 340p w 22 plates;
desc *genus*:
Nolina (s US, Mex) 1803 (na CP Nolin);
desc *species*:
(Sedum) **pulchellum** (eastern US along lower half of Mississippi River) 1803,
(Sedum) **pusillum** (s Appalachian Mtns in eastern US) 1803,
(Sedum) **telephioides** (Pennsylvania to S Carolina to Indiana & Illinois) 1803— > **Hylotelephium telephioides** by H Ohba 1977,
(Sedum) **ternatum** (eastern US to Ohio, Iowa, Missouri, Arkansas) 1803.

†**Micholitz**, Wilhelm (1854–Dec 1932); Ger orchidologist; collected orchids in Far East & tropical S Amer for the London nursery J Sander & Sons in Eng; interested in orchids;
***genus* nah:**
Micholitzia (China, India, Myanmar, Thailand) (desc & nah by NE Brown 1909).

Michotte, Félicien (27 Apr 1862–13 Sep 1939); French agriculturist; specialized in textile crops in French colonies;
Book [1914] *L'Agave Culture et Exploitation (Bibl. d'Agricult. Coloniale)* Paris, France; French; 339p,
[1931] *Agaves et Fourcroyas (Culture et Exploitation)* Paris; French; 411p.

†**Middendorf**, [Middendorff,] (Prof) (Dr med) Alexander Theodor von [Aleksandr Fredorovich, Theodorowitsch] (6 Aug 1815–16 Jan 1894); Russian physician, zoologist, biologist & biogeographer; MD at Dorpat 1837; prof of zoology at Kiev Univ 1839–40; explored & collected in n & eastern Siberia 1843–44, which led to founding Russian Geographical Soc;
member of St Petersburg Academy of Sciences 1845 & secretary 1852–65;
disc *species*:
(Sedum) **middendorfianum** (Siberia, China, Japan, Korea) 1843 (desc & nah by CJI Maximowicz 1859) —> **Phedimus middeendorfianus** by H't Hart 1995.

Middleditch, Harry (1927–); {Middled.}; Eng;
desc *species*:
(Copiapoa) **atacamensis** (Antofagasta) 1980 (disc by TC Bridges c1841) —> **Copiapoa calderana** ssp **atacamensis** by DR Hunt 2002.

†**Middlemost**, Alexander John Milner [Millner] (27 May 1902–25 Mar 1970);
RSA horticulturist at Kirstenbosch Bot Gardens, RSA 1922–67;
***species* nah:**
(Mesemb) **middlemostii** (Western Cape) (desc & nah by HML Bolus 1932) —> **Lampranthus middlemostii** by HML Bolus 1939,
(Ruschia) **middlemostii** (Little Namaq) (desc & nah by HML Bolus 1962).

Mielke, Judy; US horticulturist & landscape architect; MS in environmental planning at Arizona State Univ, Phoenix; horticulturist at Desert Bot Gardens, Phoenix 9 yrs; works at Logan Simpson Designs, Tempe, Arizona;
Book [1993] *Native Plants for Southwestern Landscapes* Austin, Texas; Eng; 310p w 124p color plates.

†**Miers**, John (25 Aug 1789–17 Oct 1879); {Miers}; British botanist & metallurgical engineer; worked & explored in S Amer 1819–38, in Brazil 1831–38 & in Chile ≈1831; private scientist in London, Eng 1938~; writer; FLS 1839; FRS 1843;
desc *genus*:
Tinospora (Tropical & subtropical Africa, Mada, Asia, Australia) 1851;
desc *species*:
(Desmonema) **caffrum** (RSA, Mozambique, Zambia, Malawi, Zimbabwe, Tanzania, Kenya) 1867 —> **Tinospora caffra** by GMD Troupin 1955,
(Dolia) **laxa** (Peru, Chile) 1845 —> **Nolana laxa** by IM Johnston 1936,
(Dolia) **leptophylla** (Chile) 1845 —> **Nolana leptophylla** by IM Johnston 1936,
(Tinospora) **tenera** (Zimbabwe, Mozambique, Zambia, Limpopo) 1864.

Mies, (Dr) Bruno A (1958–); {Mies}; Ger biologist, geologist & paleontologist;
PhD on Capeverdean lichens 1989; assistant prof in geobotany at Univ of Düsseldorf;
associate lecturer at Univ of Duisburg-Essen; interested in vegetation & ecology of Arabian deserts;
desc *species*:
(Aloe) **mccoyi** [w JJ Lavranos] (Yemen) 2001 (disc by T McCoy 2000 & nah),
(Pseudolithos) **mccoyi** [w JJ Lavranos] (Oman, Yemen) 2001 (na TA McCoy),
(Rhytidocaulon) **mccoyi** [w JJ Lavranos] (Yemen) 2001 (disc by T McCoy 2000 & nah).

†**Migahid**, Ahmad Mohammad;
Book [1937] *The Water Economy & the Development of Kalanchoe aegyptiaca under Different Conditions of Soil Moisture*; 40p,
[1978–88] *Flora of Saudi Arabia* Riyadh, Saudi Arabia; Eng; (2nd rev edition);
Vol 1&2 on dicotyledons; 647p;
Vol 3 on monocotyledons; 286p; (1st edition 1974 [w MA Hammouda]; 574p).

Migita, S;
Book [1967] *Cultivation of Cacti - 12 Months* Japan; Japanese; 151p + 8 color plates,
[1970] *Cactus Culture for Amateurs* Tokyo, Japan; Japanese; 169p + 16 color plates.

†**Migo**, Hisao (1900–1985); {Migo}; Chinese botanist at Institute of Sciences of Shanghai; collected in southern Jiangsu & northern Zhejiang, China 1933 & 1945;
desc *species*:
(Sedum) **emarginatum** (China) 1937;
transfer *variety*:
"Sedum filipes var major" (WB Hemsley 1887) —> **Sedum major** 1944.

†**Mihanovich**, Nicolás (21 Jan 1848–1 Jan 1929); Croatia to Argentina 1960s; engineer & businessman; owner of shipping company; supported travels by AV Fric in Paraguay;
***species* nah:**
(Echinocactus) **mihanovichii** (Paraguay) (desc by AV Fric & RLA Gurke 1905 & disc by AV Fric 1903) —> **Gymnocalycium mihanovichii** by NL Britton & JN Rose 1922.

†**Mikan**, (Prof) (Dr med) Johann Christian (5 Dec 1769–28 Dec 1844); {J.C.Mikan}; Czech physician, botanist & entomologist; MD at Praha 1793; prof of natural history at Praha 1800–31; explored in Brazil 1817–19;
desc *genus*:
Apteranthes 1835 (syn of Caralluma R BROWN).

Mikhailova, PR; Russian horticulturist;
Book [2001] *Kaktusy v Nashem Dome* Moscow, Russia; Russian; 190p w 86 color photos.

†**Mildbraed**, (Prof) (Dr) Gottfried Wilhelm Johannes (19 Dec 1879–24 Dec 1954); {Mildb. or Mildbr.}; Ger botanist; PhD at Berlin Univ 1904; prof of botany at Berlin-Dahlem 1903–53; explored tropical Africa 1907–08, 1910–12, 1913–14 & 1928; specialized in mosses & ferns;
desc *species*:
(Crassula) **granvikii** (Uganda, Kenya, Tanzania) 1922 (na H Granvik),
(Crassula) **phyturus** (Ethiopia, Sudan, Uganda, Tanzania, Kenya, Socotra) 1922 —> **Crassula schimperi** ssp **phyturus** by RMS Fernandes 1978,
(Dorstenia) **tenuiradiata** (Tanzania) 1934.

Milios, Rita; US psychotherapist, spiritual teacher & writer; MSW at Ohio State Univ 1999;
Book [1992] *A Desert Cactus Comes to Life* [w JA Stoffregen]; Eng.

†**Milius**, [Mylius,] (Baron) Pierre Bernard (4 Jan 1773–11 Aug 1829); Frenchman; explorer on Nicolas Baudin expedition w ships *Naturalist* & *Géographe* along coasts of Australia 1800–04; governor & administrator of the Island of Bourbon [Réunion] 1818–21; disc "Crown of Thorns" below;
disc *species*:
(Euphorbia) **milii** (Mada) c1820 (desc & nah by C Des Moulins 1826).

Miller, Anthony [**Tony**] George (1951–); {A.G.Mill.}; Scottish botanist; MSc in flowering plant taxonomy at Univ of Reading, Eng 1974; botanist at Royal Botanic Garden, Edinburgh, Scotland;
Book [1988] *Plants of Dhofar* [w M Morris} Oman; 316p w 147 color photos,
[1996] *Flora of the Arabian Peninsula & Socotra, Vol 1* [w TA Cope] Edinburgh; 586p,
[2004] *Ethnoflora of the Soqotra Archipelago* [w M Morris] Edinburgh; Eng; 775p w 507 color photos;
disc *species*:
(Echidnopsis) **milleri** (Socotra) 1990 (desc & nah by JJ Lavranos 1993),
(Echidnopsis) **socotrana** (Socotra) 1990 (desc by JJ Lavranos 1993);
desc *species*:
(Dorstenia) **socotrana** (Socotra) 1996,

(Raphionacme) **arabica** [w JA Biagi] (Oman) 1988.

Miller, Frederic P;
Book [2010] *Lithops* [w AF Vandome] Beaubassin, Mauritius; Eng; 97p.

Miller, John — See JS **Mueller**.

Miller, M Barry (fl. 1999); {M.B.Mill.}; Stranraer, UK;
disc *species*:
(Aloe) **downsiana** [w TA McCoy] (Ethiopia) 2001 (desc by TA McCoy & JJ Lavranos 2007 & na PE Downs),
desc *species*:
(Aloe) **ahmarensis** [w PB Favell & AN Al-Gifri] (Yemen) 1999 (disc by PB Favell 1996).

Miller, Millie; US nature writer;
Book [1982] *Saguaro, The Desert Flower Book* Boulder, Colorado; Eng; 36p w colored line drawings on each page by Sally King, M Miller & Cyndi Nelson,
[2007] *Desert Blooms*; Eng; 38p w watercolor illustrtions.

†**Miller**, Philip (1691–18 Dec 1771); {Mill.}; British gardener, horticulturist & botanist; curator at Chelsea Physic Garden (founded 1673), London, Eng 1722–70; FRS 1730; followed JP de Tournefort plant naming system most of his life; reluctant at first to accept C Linnaeus binomial system;
Book [1724] *Gardener's & Florist's Dictionary (or a Complete System of Horticulture)*; (in 2 Vols); (This book was possibly the earliest dictionary on horticulture),
[1731] *The Gardener's Dictionary Containing the Method of Cultivating & Improving the Kitchen, Fruit & Flower Garden* London, Eng; Eng/Dutch/Ger/French/Irish/Latin; 833p;
[1759] 7th edition; (this edition partially adopted binomial system of C Linnaeus);
[1768] 8th edition; 1,348p; (fully adopted C Linnaeus binomial system in this edition; included over 100 succ w 6 species of cactu, 11 of Crassula, 32 of Euphorbia, 47 of Mesemb, 25 of Aloe, 8 of Agave & various other succ; some 300 hand-colored plates, some by GD Ehret);
[1795–1807] posthumous 9th edition w title *The Gardener's & Botanist's Dictionary* London; (in 4 Vols); edited by Thomas Martyn who reversed Miller's innovations & returned all cactus genera to *Cactus* by C Linnaeus; Companion Vols of 300 colored illustrations were pub in 1755–60 & reissued in 1771 & 1809;
desc *genera*;
Ceiba (tropical Central & S Amer) 1754,
Cereus (West Indies, S Amer to Argentina) 1754 (credit given for genus name by P Hermann 1698),
Opuntia (N Amer, Central Amer, S Amer) 1754 (credit given for genus name by J Tournefort 1700),
Pereskia (tropical Central & S Amer, West Indies) 1754 (na NCF de Peiresc); [this name re-established by P Miller after C Plumier first desc **Pereskia** in 1703, but C Linnaeus changed it to **Cactus** in 1753],
desc *species*:
(Agave) **karatto** (Windward Islands) 1768,
(Agave) **tuberosa** (Greater Antilles, Lesser Antilles) 1768 —> **Furcraea tuberosa** by WT Aiton 1811,
(Aloe) **africana** (Eastern Cape) 1768 (grown by HB Oldenland 1690s),
(Aloe) **arborescens** (RSA, Malawi, Zimbabwe, Mozambique) 1768 (grown by HB Oldenland 1690s),
(Aloe) **brevifolia** (Western Cape) 1771 (grown by HB Oldenland 1690s),
(Aloe) **carinata** (Western Cape) 1768 —> **Gasteria carinata** by HA Duval 1809,
(Aloe) **ferox** (Western Cape, Eastern Cape, Free State, Natal, Lesotho) 1768 (grown by HB Oldenland 1690s),
(Aloe) **glauca** (Western Cape, Northern Cape) 1768 (grown by HB Oldenland 1690s),
(Aloe) **mitriformis** (Western Cape) 1768 (possibly disc by JJ Dillenius 1732),

(Aloe) **verrucosa** (Western Cape) 1768 —> **Gasteria carinata** var **verrucosa** by EJ van Jaarsveld 1992,
(Cactus) **intortus** (Bahamas, Puerto Rico, British Virgin Islands, US Virgin Islands, Lesser Antilles) 1768 —> **Melocactus intortus** by I Urban 1919,
(Cactus) **proliferus** (Cuba, Dominican Rep, Haiti) 1768 —> **Mamm prolifera** by AH Haworth 1812,
(Cereus) **gracilis** (Jamaica, Bahamas, Dominican Rep, Haiti, Cayman Islands, Puerto Rico, US) 1768 (disc 1728) —> **Harrisia gracilis** by NL Britton 1908,
(Cotyledon) **arborescens** (Western Cape, Eastern Cape, Natal) 1768 (disc c1730) —> **Crassula arborescens** by KL von Willdenow 1798,
(Cotyledon) **ovata** (Eastern Cape, Natal) 1768 —> **Crassula ovata** by GC Druce 1917,
(Crassula) **cultrata** (Eastern Cape, Natal) 1768,
(Euphorbia) **inermis** (Eastern Cape) 1768 (disc ≈1750),
(Euphorbia) **trigona** 1768,
(Mesemb) **caulescens** 1768 —> **Oscularia caulescens** by MHG Schwantes 1927,
(Mesemb) **perfoliatum** (RSA) 1768 —> **Ruschia perfoliata** by MHG Schwantes 1926,
(Mesemb) **subulatum** (Western Cape) 1768 —> **Acrodon subulatus** by NE Brown 1928,
(Opuntia) **elatior** (Venezuela, Colombia, Panama, Netherland Antilles, Costa Rica, Lesser Antilles) 1768,
(Opuntia) **spinosissima** (Jamaica) 1768 (disc by W Houstoun ≈1934) —> C**onsolea spinosissima** by AC Lemaire 1862,
(Pereskia) **aculeata** (Caribbean Islands, S Amer, Florida, Central Amer, s Mex) 1768,
(Tetragonia) **decumbens** (Cape) 1768,
(Trianthema) **diffusa** (East Indies) 1768;

transfer *species*:
"Cactus curassavicus" (C Linnaeus 1753) —> **Opuntia curassavica** 1768,
"Cactus ficus indica" (C Linnaeus 1753) —> **Opuntia ficus-indica** 1768,
"Cactus hexagonus" (C Linnaeus 1753) —> **Cereus hexagonus** 1768,
"Cactus repandus" (C Linnaeus 1753) —> **Cereus repandus** 1768;

transfer *variety*:
"Aloe perfoliata var humilis" (C Linnaeus 1753) —> **Aloe humilis** 1771.

†**Miller**, Tom (4 Apr 1928–10 Feb 1993); US outdoor writer and photographer;
a leading authority on Baja Calif; spouse Carol Miller;
Book [1974] *The Baja Book**; Eng; 176p,
[1979] *The Baja Book II**; Eng; 180p.
[*w Elmar Baxter]

Millidge, Judith;
Book [1998] *Cacti, A Pocket Companion* Edison, New Jersey; Eng; 64p; (editor of); (material from *The Illustrated Enc of Cacti* by CF Innes & CE Glass 1991).

†**Millot**, (Dr med) Jacques (9 Jul 1897–23 Jan 1980); French physician & zoologist;
MD at Collége de France 1922; dir of physiological anthropology 1931 & Muséum National d'Histoire Naturelle, Paris, France 1943–60 & prof of ethnology at Natural History Museum & dir of Musee de l'Homme 1960–67; dir of Institut de I'Institut Scientifique de Mada; interested in spiders; IOS member 1955;

***species* nah:**
(Aloe) **millotii** (Mada) (desc & nah by GW Reynolds 1956 & disc by J-H Humbert 1947),
(Euphorbia) **millotii** (Mada) (desc & nah by JD Leandri & E Ursch 1955);
(Kalanchoe) **millotii** (Mada) (desc & nah by Raymond-Hamet & JMH Perrier de la Bathie 1912).

disc *species*:
(Aloe) **bellatula** (Mada) 1949 (desc by GW Reynolds 1956).

†**Millspaugh**, (Prof) (Dr med) Charles Frederick (20 Jun 1854–16 Sep 1923); {Millsp.}; US physician & botanist; MD at NY Medical College 1881; prof of botany at Univ of West Virginia 1891–94 & at Field Museum of Chicago Univ Medical College 1894~; collected in Yucatan; first spouse Mary Louisa [née Spaulding] Millspaugh (–1907); second spouse Clara Isabel [née Mitchell] Millspaugh;
B**ook** [1913] *The Genera Pedilanthus & Cubanthis, & other Amer Euphorbiaceae*; Eng; 24p,
[1923] *Flora of Santa Catalina Island, Calif* Chicago, Illinois; Eng; 416p;
species nah:
(Agave) millspaughii (Bahamas) (desc & nah by WA Trelease 1913),
(Pedilanthus) **millspaughii** (Costa Rica) (desc & nah by FA Pax & K Hoffmann 1923),
(Sedum) **millspaughii** (Guatemala) (desc & nah by Raymond-Hamet 1913);
desc *species*:
(Pedilanthus) **bahamensis** (Bahama Islands) 1913 —> **Pedilanthus tithymaloides** ssp **bahamensis** by RL Dressler 1957,
(Pedilanthus) **jamaicensis** [w NL Britton] (Jamaica) 1913 —> **Pedilanthus tithymaloides** ssp **jamaicensis** by RL Dressler 1957,
(Pedilanthus) **nodiflorus** (Mex, Honduras) 1896,
(Pedilanthus) **palmeri** (Mex) 1913 (na E Palmer),
(Pedilanthus) **smallii** (Florida, Cuba) 1913 (na JK Small) —> **Pedilanthus tithymaloides** ssp **smallii** by RL Dressler 1957.

†**Milne-Redhead**, **Edgar** Wolston Bertram Handsley (24 May 1906–29 Jun 1996); {Milne-Redh.}; British systematic botanist & naturalist; Deputy Keeper of Herbarium & Library, Kew 1929–71; collected in Tanzania 1956; spouse Olive [née Shaw] Milne-Redhead (–Sep 1997);
Book [1975] *Dioscoreaceae* London, Eng; Eng; 25p;
disc *species*:
(Aloe) **milne-redheadii** (Angola, Zambia) 1938 (desc & nah by HB Christian 1940),
(Euphorbia) **decidua** (Zaire, Zambia, Tanzania, Zimbabwe, Malawi)1938 (desc by PRO Bally & LC Leach 1975);
desc *species*:
(Aloe) **ortholopha** [w HB Christian] (Zimbabwe) 1933 (disc by G Mainwaring c1926),
(Aloe) **zanzibarica** (Zanzibar) 1947 (disc by J Kirk early 1890s),
(Euphorbia) **desmondii** [w RWJ Keay] (Nigeria) 1955 (na R Desmond Meikle),
(Euphorbia) **eranthes** [w RA Dyer] (Zambia) 1937.

Milstein, S; {Milstein}; collected w EJ van Jaarsveld;
desc *subsp*:
(Plectranthus saccatus ssp) **pondoensis** [w EJ van Jaarsveld] (Natal) 1997.

†**Minderer**, [Mindererus,] (Dr med) Raymund [Raymundus, Raimond] (c1570–13 May 1621); Ger physician in Augsburg, Ger; MD at Univ of Ingolstadt 1597; physician to Holy Roman Emperor Matthias (1557–1619) during his reign 1612~; writer of medical & pharmacological works;
disc ammonium acetate (Spiritus Mindereri = smelling salts);
Book [1616] *Raymundi Mindereri Aloedarium Marocostinum* Vienna, Austria; 235p.

Minnich, Wendell [**Woody**] Sherwood (7 Aug 1947–); US high school history & art teacher in Calif 1971-2003; owner of Cactus Data Plants Nursery in Calif 1975-2008 & then in New Mex 2009~; Los Angeles C&SS pres 1976; collected & studied c&s in sw US, Mex, Chile, Argentina, Brazil, Peru, Bolivia, Africa, Yemen, Socotra 1969~; specialist in Mamm & plants of Baja Calif; CSSA Friend award 2015; CSSA Special Service award 2021; spouse Kathy Minnich;

Book [1985] *Field Collection #s of Genus Mammillaria*; Eng; 11p.

Minogue, Sean; US horticulrutirst; specialist in Epiphyllums early 1980s~;
editor of San Diego Epiphyllum Soc 'Epi News' 1986~;
Book [1992] *Epiphyllum Basics – A new Gardener's Guide to Growing Epis* San Diego, Calif; Eng; 22p,
[2000] *Epiphyllum Basics II – The new "How to Grow Epiphyllums" book for beginners* San Diego; Eng; 26p w 22 color photos.

Min-Sheng, L;
Book [1987] *C&S* Beijing, China; 140p.

M'Intosh, Charles — See **McIntosh**, Charles.

†**Miny**, P;
Book [1912] *Note Sur la Culture des Principaux Agaves Textiles* Bruxelles; 33p.

Mioulane, Annette; French writer;
Book [1977] *Connaitre et Bien Soigner les Cactus* = "Know & Treat Cactus" [w P Mioulane] Paris, France; 142p + 8 color plates.

Mioulane, Patrick; French writer, journalist & gardener; graduate of school of horticulture, Breuil, France; journalist 1971~; spouse Nicole Mioulane;
Book [1977] *Connaitre et Bien Soigner les Cactus* = "Know & Treat Cactus" [w A Mioulane] Paris, France; 142p + 8 color plates,
[1988] É*spineux, Succ et Résistants (Les Cactus)* Boulogne, France; 50p.

†**Miquel**, (Prof) (Dr med) Friedrich [Frederik] Anton Wilhelm [Guilelmus]
(24 Oct 1811–23 Jan 1871); {Miq.}; Dutch physician & herbarium botanist; MD at Gröningen Univ 1833; dir of Rotterdam bot garden 1835–46; prof of botany & dir of bot garden in Amsterdam 1846–59 & at Utrecht 1859~; dir of Leiden Rijksherbarium 1862~; wrote journal articles 1837–58;
Book [1839] *Genera Cactearum* Rotterdam, Netherlands; Latin; 32p; (1991 reprint w 40p),
[1840] *Monographia Generis Melocacti* Bonn, Ger; Latin; 202p; (1984 reprint Berlin, Ger);
genus **nah:**
Miqueliopuntia (Chile) (desc & nah by F Ritter 1980);
species **nah:**
(Opuntia) **miquelii** (Atacama) (desc & nah by HB de Monville 1839) —> **Miqueliopuntia miquelii** by F Ritter 1980;
desc *species*:
(Cereus) **fluminensis** (Brazil) 1838 —> **Coleocephalocereus fluminensis** by C Backeberg 1942,
(Melocactus) **oreas** (Brazil) 1840,
(Peperomia) **monticola** (Puebla, Hidalgo, Michoacan) 1843,
(Peperomia) **nivalis** (Peru) 1843,
(Sedum) **erythrostictum** (Japan, Korea, eastern China) 1866 —> **Hylotelephium erythrostictum** by H Ohba 1977,
(Sedum) **japonicum** (China, Japan, Taiwan) 1866 —> **Sedum uniflorum** ssp **japonicum** by H Ohba 1981,
(Sedum) **subtile** (Vietnam, Korea, Japan) 1866,
(Sesuvium) **acutifolium** (Surinam) 1843,
(Tetragonella) **implexicoma** (Australia) 1845 —>**Tetragonia implexicoma** by JD Hooker 1856,
(Tildenia) **mexicana** (Guatemala, Mex) —> **Peperomia mexicana** by FAW Miquel 1843,
(Tildenia) **peruviana** (Peru, Bolivia, Argentina, Colombia) 1843 —> **Peperomia peruviana** by

GAH Dahlstedt 1900;
transfer *species*:
"Cactus cruciformis" (JM de C Vellozo 1829) —> **Lepismium cruciforme** 1838.

†**Miranda**, [Miranda Gonzalez,] (Dr) Faustino Antonio (19 Feb 1905–17 Dec 1964); {Miranda}; Spanish biologist; to Mex 1939~; dir of Instituto Botanico de Chiapas, Mex 1949–54; dir of Instituto de Biologa, Mex 1941–49 & 1954~; collected in Chiapas, Mex 1941 & 1949–54;
desc *genus*:
Pterocereus [w TB MacDougall] 1954 (syn of Pachycereus B&R);
desc *species*:
(Fouquieria) **leonilae** (Guerrero) 1961 (na Leonila Vazquez),
(Fouquieria) **ochoterenae** (Puebla, Oaxaca) 1942 (na I Ochoterena),
(Senecio) **morelensis** (Mex) 1941 —> **Senecio praecox** var **morelensis** by R McVaugh 1972.

†**Mirbel**, Charles François Brisseau de (27 Mar 1776–12 Sep 1854); {Mirb.}; French botanist, plant anatomist & physiologist; gardener at estate garden, Malmaison, France & at Museum d'Histoire Naturelle in Paris, France (at age 12) 1788–1806 & as prof 1829~; spouse Lizinska Aimee Zoe [née Rue] Mirbel, French painter;
Book [1802–06] *Histoire Naturelle,Generate et Particuliere, des Plantes* Paris, France; French; (in 18 Vols); an encyclopedic work on natural history;

[1802] Vol 1; 378p;	[1805] Vol 11; 417p;
[1802] Vol 2; 423p;	[1805] Vol 12; 434p;
[1803] Vol 4; 431p;	[1805] Vol 13; 418p;
[1803] Vol 5; 429p;	[1805] Vol 14; 427p;
[1803] Vol 6; 384p;	[1805] Vol 15; 430p;
[1803] Vol 7; 473p;	[1806] Vol 3*; 357p;
[1804] Vol 8; 419p;	[1806] Vol 16; 407p;
[1804] Vol 9; 432p;	[1806] Vol 17; 404p;
[1805] Vol 10; 444p;	[1806] Vol 18; 384p;

*by Nicolas Jolyclerc (10 Jul 1746–2 Jun 1817);

†**Mirkin**, Eliezer [Lazar] David (1883–23 Aug 1940); RSA naturalist & wholesaler in Port Elizabeth;
***species* nah:**
(Pectinaria) **mirkinii** (Eastern Cape) (desc & nah by NS Pillans 1939 & disc by R James 1938) —> **Ophionella arcuata** ssp **mirkinii** by PV Bruyns 1999.

Misandeau, (Mrs) Chantal; Reunion resident;
disc *species*:
(Aloe) **mitsioana** (Mitsio Island of Mada) 2005 (desc by J-B Castillon 2006).

Mischler, Tino; Ger biologist & ornithologist; prof de biologie at Colegio Alemán Humboldt, Guayaquil, Ecuador; explored in Ecuador & Peru;
desc *species*:
(Islaya) **omasensis** [w C Ostolaza] (Peru) 1983 (disc by C Ostolaza 1983) —> **Eriosyce islayensis** ssp **omasensis** by GJ Charles 2006.

Misra, Bhagwati; India;
Book [1965] *Xerophytes in Indian Gardens (Cacti)* Lucknow, India; Eng; 16p.

Missouri Bot Garden; US in St Louis, Missouri;
Book [1935] *Culture of Succ in the Midwest* St Louis; Eng; 13p,

[1941] *History of the Succ Plant Collection at the Missouri Bot Garden* St Louis ; Eng; 21p.

Mistretta, Orlando; US botanist; MS at Claremont Univ 1988; field botanist & research associate at Rancho Santa Ana Bot Garden, Claremont , Calif responsible for seed bank storage ≈1997;
Book [1989] *Species Management Guide for Dudleya densiflora (Rose) Moran* Claremont; Eng; 21p,
[1991] *Species Management Guide for Opuntia basilaris ENGELM. & BIGEL. var brachyclada (GRIFFITHS) MUNZ* [w M Parra-Szijj] Claremont; Eng; 53p.

Mitchell, Anthony R (1938–); {A.R.Mitchell}; British horticulturist; to RSA; explored in s Africa c1979–84; specializes in Conophytum;
disc *species*:
(Aloe) **dabenorisana** (Northern Cape) (desc EJ van Jaarsveld 1982),
(Conophytum) **antonii** (N Cape) 1989 (desc & nah by SA Hammer 2009 & nah),
(Conophytum) **armianum** [w SA Hammer & G Williamson] (Namaq) 1987 (desc by SA Hammer 1988 & na initials of AR Mitchell),
(Conophytum) **bachelorum** (Namaq) 1983 (desc by SA Hammer 1993),
(Conophytum) **reconditum** (Namaq) 1981 (desc by him 1984),
(Othonna) **armiana** (Northern Cape) c1985 (desc by EJ van Jaarsveld 1986 & na AR Mitchell's initials),
(Portulacaria) **armiana** (Namibia, Northern Cape) (desc by EJ van Jaarsveld 1984 & na AR Mitchell's initials & part of surname),
(Tylecodon sulphureus var) **armianus** (Western Cape) (desc by EJ van Jaarsveld 1989);
desc *species*:
(Conophytum) **buysianum** [w SA Hammer] (Cape) 1988 (disc by TG [Dom Buys] Wiese & nah),
(Conophytum) **mirabile** [w SA Hammer] (Namaq) 2001 (disc by AR Mitchell 1980);
disc *subsp*:
(Conophytum bolusiae ssp) **primavernum** (Namaq) 1982 (desc by SA Hammer 1993),
(Conophytum ectypum ssp) **cruciatum** (Namaq) 1978 (desc by SA Hammer 1993),
(Conophytum minusculum ssp) **aestiflorens** (Western Cape) 1979 (desc by SA Hammer & TC Smale 2002).

Mitchell, Carolyn B;
Book [1996] *Cacti: The Flowering Desert*; 80p.

†**Mitchell**, Joseph Daniel (22 Oct 1848–27 Feb 1922); US rancher in Texas, naturalist, pioneer entomologist & conchologist; sent specimens collected in Texas to USDA & Natl Museum (Smithsonian Institution); studied cotton & cactus-feeding insects; leading authority on Texas reptiles; discovered two shells named in his honor; spouse Agnes Martha [née Ward] Mitchell;
Book [1912] *The Principal Cactus Insects of the US* (w WD Hunter & FC Pratt) DC; Eng; 71p.

Mitchell, Mary (fl. 1983); British; spouse PJ Mitchell;
Book [1983] *Houseleeks, An Intro* [w PJ Mitchell] Burgess Hill; Eng; 32p; (rev 2nd edition 1993; 40p).

Mitchell, Peter J (fl. 1983); {P.J.Mitch.}; British horticulturist; specialist in Sempervivum; founder of Sempervivum Soc of Great Britain 1970 & editor of the journal *Houselekes*;
Book [1973] *Sempervivum & Jovibarba Handbook* West Sussex, Eng; Eng; 44p w 12 color plates,
[1981] *Succ Scene One* West Sussex; Eng; 78p,
[1983] *Houseleeks, An Intro* [w M Mitchell] West Sussex; Eng; 32p; (rev 2nd edition 1993; 40p),
[1985] *International Cultivar Register for Jovibarba, Rosularia, Sempervivum — Vol 1* Burgess Hill, Eng; Eng; 82p; (editor of, for Sempervivum Soc).

†**Mitchell**, (Sir) (Dr hc) Thomas Livingstone (15 Jun 1792–5 Oct 1855); Scottish surveyor, geologist, artist & botanist; to Australia 1827 after serving in the army; became surveyor-general in New S Wales w 4 expeditions into interior; knighted 1839; honorary doctorate of civil law from Oxford Univ, Eng 1839; to Eng 1845; spouse Mary [née Blunt] Mitchell;

disc *species*:

(Pelargonium) **rodneyanum** (S Australia, Victoria, New S Wales) (desc by J Lindley 1838 & na G Rodney).

†**Mitich**, (Prof) (Dr) Lawrence [**Larry**] Waldimer (16 May 1927–16 Aug 2000); US agronomist, horticulturist & bot historian; PhD in agronomy (weed science) from Cornell Univ, Ithaca, NY, & Univ of Wyoming, Laramie 1963; prof of agronomy at N Dakota State Univ, Fargo 1963–80; weed control scientist & prof at Univ of Calif Cooperative Extension, Davis, Calif 1980–95; first pres of Fargo-Moorhead C&SS, N Dakota 1969; noted historian starting in the 1960s w large private collection of c&s literature; speaker & prolific historical bibliophile writer for CSSA C&S Journal & other journals 1963~; IOS member 1976; NCSS VP 1977; CSSA Fellow award 1979 & pres 1996–2000 (died in office); CSSA Special Service award 2001; spouse Charlotte Mitich;

Book Dedicated to him: 'A Historical Record of Authors of C&S Plant Names & Books for the Amateur Hobbyist' 2013 by CJ Staples.

Mitsuhashi, Hiroshi (1950–); Japanese horticulturist; owner of large nursery in Japan, w specialty of epiphytic cacti;

Book [1992] *Jungle Orchid Cacti Catalogue* Tokyo, Japan; Japanese; 136p w 416 color photos,

[1995] *Jungle Orchid Cacti* [w T Hashizume] Tokyo; Japanese; 160p.

†**Mittler**, Franz **Ludwig** (16 May 1786–16 Jun 1861); {Mittler}; Ger businessman & horticulturist; owner of cactus nursery in Leipzig, moved to Dresden 1846; spouse Johanna Dorothea [née Michel] Mittler;

Book [1841–44] *Taschenbuch für Cactusliebhaber* Leipzig, Ger; Ger; (in 2 Vols);

[1841] Band 1; 98p;

[1844] Band 2; 125p + 4 color photos,

[1846] *Verzeichnis de Cacteen von Ludwig Mittler in Dresden* Leipzig, Ger; Ger; 18p;

(trade price list of an early cactus nursery);

desc *genus*:

Gymnocalycium (Bolivia, Brazil, Paraguay, Uruguay, Argentina) 1844;

transfer *species*:

"Cactus gibbosus" (AH Haworth 1812) —> **Gymnocalycium gibbosum** 1844,

"Echinocactus denudatus" (JHF Link & CF Otto 1828) —> **Gymnocalycium denudatum** 1844.

†**Miyabe**, (Prof) (Dr) Kingo (27 Apr 1860–16 Mar1951); {Miyabe}; Japanese taxonomic botanist, mycologist, pteridologist, & plant pathologist; graduate at Sapporo Agricultural College 1877; studied fungology at Harvard Univ 1886; prof at Hokkaido Imperial Univ & dir of bot garden;

desc *species*:

(Sedum) **ishidae** [w Y Kudo] (Japan, USSR far east) 1921 (na B Ishida) —> **Rhodiola ishidae** by H Hara 1937.

Miyagawa, Mario; La Pax, Bolivia; student of WHH Rauh; collector of epiphytic cacti in Bolivia;

disc *species*:

(Pfeiffera) **miyagawae** (La Paz) 1974 (desc by WHH Rauh & WA Barthlott 1987).

{M.L.&R.}, = **Marnier-Lapostolle**, JLE & **Rauh**, WHH.

†**Mocino**, [Mociño, Moziño, Mosiño, Mosiño Losada Suáres de Figueroa,] José [Joseph] Mariano (24 Sep 1757–19 May 1820); {Moc.}; Mex naturalist who studied theology, philosophy, medicine & botany; on expedition for King Charles III of Spain to record flora of Mex w M Sessé & A Echeverria in Nueva España 1795–1804; spouse Maria Rita [née Rivera y Melo Montaño] Mocino;

***species* nah:**

(Sedum) **mocinianum** (Guanajuato) (desc & nah by E Perez-Calix 1998 & disc by CE Glass & ML Mendoza 1998);

desc *species*:

(Sesuvium) **uvifolium** [w M de Sesse] (Mex) 1874.

Moehrs, [Möhrs,] Karl-Heinz;

Book [1973] *Zimmerpflazen und Kakteen* = "House Plants & Cacti" Köln, Ger; 176p.

†**Moeller**, [Möller,] Arturo [Arthur] Federico [Fernando] (4 Apr 1876–10 Jul 1951); {A.F.Moeller}; Swiss; collected in Mex; spouse Luz Valdez Barros; brother H Moeller;

disc *species*:

(Mamm) **gasseriana** (Coahuila) (desc by F Boedeker 1927);

disc *subsp*:

(Astrophytum) **myriostigma** ssp **coahuilensis** (Coahuila) 1922 (desc by H Moeller 1927) —>**Astrophytum coahuilense** by K Kayser 1932.

†**Moeller**, [Möller,] (Dr med) Heinrich [**Henry**] (16 Dec 1882–27 May 1945); {H.Moeller}; Mex to Switzerland 1894; MD at Univ of Basel 1911; physician and botanist;
Swiss physician in Schafhausen, Switzerland; later explored & collected in Mex; brother AF Moeller;

***species* nah:**

(Opuntia) **moelleri** (Coahuila) (desc & nah by A Berger 1929) —> **Corynopuntia moelleri** by FM Knuth 1936;

desc *species*:

(Pelecyphora) **valdeziana** (Coahuila, San Luis Potosi) 1930 (disc by him 1930 & na L Valdez) —> **Turbinicarpus valdezianus** by CE Glass & RA Foster 1977;

desc *subsp*:

(Astrophytum) **myriostigma** ssp **coahuilensis** (Coahuila) 1927 (disc by AF Moeller 1922) —> **Astrophytum coahuilense** by K Kayser 1932.

Moeller, Hubert;

Book [1981] *The Flora of the Canary Islands* Tenerife; 178p w 185 color photos.

†**Moeller**, J; Santa Clara;

***species* nah:**

(Mamm) **moelleriana** (Durango) (desc & nah by F Boedeker 1924);

disc *species*:

(Mamm) **sinistrohamata** (Zacatecas, Durango, Coahuila) c1927 (desc by F Boedeker 1932),

(Mamm) **wagneriana** (Zacatecas) (desc by F Boedeker 1932 & na H Wagner).

†**Moench**, (Prof) (Dr med) Conrad (15 Aug 1744–6 Jan 1805); {Moench}; Ger botanist, pharmacist, physician & chemist; pharmacist in Ger 1764–81; MD at Marburg Univ 1781;
prof of botany at Colegium Medicum Carolinianum, Kessel, Ger 1781–85; founder of Marburg bot garden & prof of botany at Marburg Univ 1786~; disagreed w C Linnaeus binomial system;

desc *genus*:

Crassocephalum (Tropical Africa, Mada, Arabia) 1794;

desc *species*:
(Mesemb) **recurvum** (Eastern Cape) 1802 —> **Ruschia recurva** by HEK Hartmann 1998.

Moerman, (Dr) Daniel Ellis (21 Jul 1941–); US medical anthropologist & ethnobotanist;
PhD at Univ of Mishigan 1974; prof of anthropology at Univ of Michigan, Dearborn;
Book [1998] *Native Amer Ethnobotany* Portland, Oregon; Eng; 927p; (includes c&s).

Moffett, Rodney Oliver (26 Dec 1937–); {Moffett}; RSA botanist; MSc at Stellenbosch Univ (w emphasis on genus Sarcocaulon) 1978; worked at Stellenbosch Univ 1974–77, at Univ of North, Turfloop 1978 & at Univ of W Cape, Belville 1979~; spouse Diana Lally [née Rance] Moffett;
desc *species*:
(Sarcocaulon) **camdeboense** (Eastern Cape) 1979 —> **Monsonia camdeboensis** by F Albers 1996,
(Sarcocaulon) **ciliatum** (Northern Cape) 1979 —> **Monsonia ciliata** by F Albers 1996,
(Sarcocaulon) **peniculinum** (Namibia) 1979 (disc by FS Erni) —> **Monsonia peniculina** by F Albers 1996,
(Sarcocaulon) **salmoniflorum** (Namibia, Limpopo, North-West, Western Cape, Free State) 1979 —> **Monsonia salmoniflora** by F Albers 1996.

†**Mogg**, (Dr) Albert Oliver Dean (27 Apr 1886–4 Apr 1980); {Mogg}; RSA botanist,
PhD at Rand Univ 1965; ecologist & lecturer of botany at division of veterinary services 1917–27 & botanist in division of plant industry 1927-46 in Pretoria; curator at Moss Herbarium 1956-59;
collected over 40,000 plant specimens in RSA, Rhodesia & Mozambique;
disc *species*:
(Euphorbia) **excelsa** (Mpumalanga) 1928 (desc by BL Sloane, AC White & RA Dyer 1941);
desc *species*:
(Crassula) **sessilicymula** (Gauteng, Limpopo) 1937 —> **Crassula capitella** ssp **sessilicymula** by HR Tolken 1985.

Mohrs, [Möhrs,] K-H;
Book [1973] *Aimmerpflanzen und Kakteen* Koln; 176p.

Molendijk, J; Dutch horticulturist;
Book [1992] *Checklist of Epicacti* Gravenzande, Netherlands; 5p.

Molero, [Molero Briones,] (Dr) Julián [Julià] (27 Jul 1946–); {Molero}; Spanish botanist;
PhD in pharmacy at Univ of Barcelona 1976;
desc *species*:
(Euphorbia) **pedroi** [w AM Rovira] (Portugal) 1997.

†**Molina**, Juan Ignacio [later Giovanni Ignazio] (24 Jun 1740–12 Sep 1829); {Molina};
Chilian priest, missionary & botanist; collected in Chile ≈1768; to Italy 1768~;
prof of Greek language at Univ of Bologna, Italy 1774–1802 & prof of natural sciences 1803~;
desc *species*:
(Cactus) **coquimbanus** (Chile) 1782 —> **Echinopsis coquimbanus** by H von Friedrich & GD Rowley 1974,
(Mesemb) **chilense** (Chile) 1810 —> **Carpobrotus chilensis** by NE Brown 1928,
(Oxalis) **tuberosa** (Colombia) 1782.

†**Mollendorff**, (Mr) H (–1947); friend of F Schwarz;
***species* nah:**
(Mamm) **mollendorffiana** (Hidalgo) (desc & nah by EW Shurly 1948 & disc by F Schwarz 1937)
—> **Mamm rhodantha** ssp **mollendorffiana** by DR Hunt 1997.

†**Mollhausen**, [Möllhausen,] Heinrich Balduin (27 Jan 1825–28 May 1905);
Ger to US 1849; topographer & artist on AW Wipple's Pacific Railroad survey 1853–54;
artist on expedition along Colorado River into Grand Canyon 1857–58; to Ger 1858~;
spouse Carolina Alexandra [née Seifert] Mollhausen;
Book [1858] *Diary of a Journey from the Mississippi to the Coasts of the Pacific w a US Exploring Expedition* London, Eng; Eng; 2 Vols; (Saguaros desc & illustrated).

†**Molon**, Girolamo (17 Jul 1860–20 May 1937); Italian pomologist, ampelographist & artist;
BSc in agricultural science at Univ of Milan 1882; taught at Royal High School of Agriculture in Milan, Italy 1890–1935; became interested in hybrid Yucca species c1906~;
Book [1914] *Le Yucche* Milano, Italy; Italian; 247p w 8 color photos.

†**Molony**, [née Napier,] Evelyn Rose (1902–22 Aug 1952); India to Kenya 1922;
artist & botanist; first herbarium botanist at Coryndon Memorial Museum, Nairobi, Kenya 1930–34 w over 7,000 herbarium specimens collected by her; wrote articles w art work for East Africa & Uganda Natural History Soc, Nairobi; explored & collected in Kenya; spouse Desmond Walter Molony, a farmer;
disc *variety*:
(Huernia keniensis var) **molonyae** (Kenya) (desc & nah by AC White & BL Sloane 1937),
(Huernia keniensis var) **nairobiensis** (Kenya, Tanzania) (desc by AC White & BL Sloane 1937).

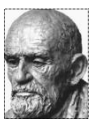
†**Mondolfo**, Lucio F (20 Aug 1910–28 Jan 2001) & Vittoria; Italy to US; spouse Vittoria Mondolfo;
Book [1995] *Lexicon of Cacti Names (25,000 Cacti Names (Some Legitimate))* Clinton, NY; 911p.

Monel, Yann; French gardener & garden photographer;
Book [1991] *Les Cactées d' Intérieur et d'Extérieur* Paris, France; French; 96p.

†**Moninckx**, [Monincks,] Johann [**Jan**] (c1656–20 May 1714) & daughter **Maria** (1673–1757); Dutch botanical artists & painters; spouse Adriaentje [Adriana] [née Uchtenbroeck] Moninckx (–27 Jan 1722);
Book [1686–1709] *Moninckx-Atlas* Amsterdam, Netherlands; 9 Vols; a pictorial record of 420 plants at Univ Bot Garden in Amsterdam, established by Joan Huydecoper (1625–1704) & J Commelin; paintings included were 273 by Jan & 101 by Maria; one of a few secondary artists was Alida Withoos (c1659–1730) w 13;
C Linnaeus based the taxonomy of plants for his 1753 *Species Plantarum* on at least 259 paintings from this book.

Monjauze, A;
Book [1965] *Le Rôle des Opuntia dans L'Economie Agricole nord Africaine* [w HN le Houerou]; 80p.

†**Monmonier**, Theresa M (8 Nov 1893–10 Sep 1975); US horticulturist; owner w spouse of nursery *Ventura Epiphyllum Gardens*, Ventura, Calif specializing in epicacti; spouse Wm D Monmonier (1883-1952);
Book [c1939] *Epiphyllums Bulletin No. 1*, Ventura; Eng; 16p,
[1941] *Ventura Epiphyllum Gardens (Initial Catalog)* Ventura; Eng; 24p.



†**Monod**, André Théodore (9 Apr 1902–22 Nov 2000); {Monod}; French naturalist;
prof at Muséum Natl d'Histoire Naturelle 1949; explored in Sahara Desert;
transfer *variety*:
"Euphorbia obtusifolia var despoliata) (CA Menezes 1924) —> **Euphorbia despoliata** 1990.

†**Monro**, Claude Frederick Hugh (29 Apr 1863–14 Aug 1918); {Monro}; Eng; worked in mining industry at British South Africa Company in Southern Rhodesia (Zimbabwe) where he also collected in Southern Rhodesia

& RSA 1900-16; returned to Eng 1916~;
***species* nah:**
(Jatropha) **monroi** (Zimbabwe) (desc & nah by S le M Moore 1925);
disc *species*:
(Euphorbia) **tortistyla** (Zimbabwe) c1900 (desc by NE Brown 1911).

†**Monson**, [née Vane,] (Lady) Anne (25 Jun 1726–16 Feb 1776); British natural historian;
great granddaughter of Charles II; corresponded w C Linnaeus; met CP Thunberg in Africa;
explored in RSA 1774 w second spouse; first spouse Charles Hope Vere [Hope Wier] (1710–1791);
second spouse Col. George Monson (1730-1776);
***genus* nah:**
Monsonia (Africa, Mada, sw Asia) (desc & nah by C Linnaeus 1767).

Monson, (Dr) Russell K (1954–); US plant physiological ecologist & evolutionary biologist;
PhD at Washington State Univ 1982; prof at Univ of Arizona;
Book [1997] *Physiological Ecology of N Amer Desert Plants (Adaptations of Desert Organisms)* [w SD Smith & JE Anderson] Berlin, Ger; Eng; 286p.

Montacchini, Franco; Italian;
Book [1982] *Flora Ornamentale Dall 'iconographia Taurinensis* [w G Forneris] Novara; 378p w 282 color plates by Italian artists Giovanni Ignazio Francesco Peyroleri, Giovanni Antonio Bottione, Angela Maria Rossi Bottione & Maddalena Lisa Mussino; (includes c&s).

†**Montagnac**, Paul René (fl. 1935–61); French agronomist;
dir of Services d'Agriculture de Mangoky, Toléar, Mada; collected in Mada 1935–61;
***species* nah:**
(Alluaudia) **montagnacii** (Mada) (desc & nah by WHH Rauh 1961),
(Cyphostemma) **montagnacii** (Mada) (desc & nah by BM Descoings 1962),
(Stapelia) **montagnacii** (Mada) (desc & nah by PL Boiteau 1941) —> **Stapelianthus montagnacii** by PL Boiteau & A Bertrand 1950.

†**Monteiro**, Joachim [Joaquim, Jos] John (1833–6 Jan 1878); Portuguese mining engineer, zoologist, ornithologist, entomologist & naturalist; to Angola 1858~; collected in Angola, Bermuda & Cape Verde Island with spouse R Monteiro ≈1878;
***species* nah:**
(Euphorbia) **monteiri** (Angola, Namibia, Botswana) (desc & nah by JD Hooker 1865 & disc by T Baines c1850).

†**Monteiro**, [née Bassett,] Rose (19 Apr 1840–Feb 1898); Eng botanist;
to Mozambique 1879~; collected in Angola, Bermuda & Cape Verde Island w spouse JJ Monteiro ≈1878 & in Mozambique 1879–90;
***species* nah:**
(Chlorocyathus) **monteiroae** (Namibia, Angola, Mozambique, Botswana, Tanzania, Zimbabwe) (desc & nah by D Oliver 1887) —> **Raphionacme monteiroae** by NE Brown 1907,
(Cryptolepis) **monteiroae** (Botswana, Mozambique, North-West, Zimbabwe, Mpumalanga, Zambia, Natal, Swaziland) (desc & nah by D Oliver 1902) —> **Stomatostemma monteiroae** by NE Brown 1902;
disc *species*:
(Sansevieria) **subspicata** (Mozambique) 1866 (desc by JG Baker 1889),
(Stapelia) **longidens** (Mozambique) c1885 (desc by NE Brown 1895) —> **Orbea longidens** by LC Leach 1975.

†**Montemayor**, P;
disc *species*:
(Mamm) **klissingiana** [w H Baum] (Tamaulipas) 1925 (desc by F Boedeker 1927 & na CL Klissing).

Montes, Salvador Aires — See **Aires Montes**, S.

Montgomery, George M; US;
Book [2010] *Desert Gardens: A Photographic Tour of the Arizona-Sonora Desert Museum* [w R Brusca & MA Dimmitt] Brentwood, Tennessee; Eng; 176p.

Montgomery, Paul M; US photographer; interested in grasses;
Book [1997] *Vascular Plants of Texas* [w JK Wipff & SD Jones] Austin, Texas; Eng; 404p; (includes Agavaceae, Aloe, Cactaceae & Crassulaceae).

†**Monville**, (Baron) Hippolyte Boissel de (12 Dec 1794–2 Feb 1863); {Monv.}; French Normandy factory owner & amateur botanist; had large plant collection (including cacti) used by AC Lemaire in his writings; spouse Louise [née Lannes] de Montebellow (4 Mar 1805-8 Nov 1889);
Book [1846] *Catalogue des Plantes Exotiques Composant la Collection de Monville*; French; (1991 reprint by GD Rowley w 40p);
***genus* nah:**
Monvillea (Ecuador, Peru, Bolivia, Argentina, Paraguay, Brazil) (desc & nah by NL Britton & JN Rose 1920) (syn of Cereus MILLER & Praecereus BUXBAUM);
***species* nah:**
(Echinocactus) **monvillei** (Argentina) (desc & nah by AC Lemaire 1838) —> **Gymnocalycium monvillei** by NL Britton & JN Rose 1922;
desc *species*:
(Cactus) **villosus** (Chile) 1839 —> **Eriosyce villosa** by F Kattermann 1994,
(Cereus) **ianthothele** (Argentina, Bolivia) 1839 —> **Pfeiffera ianthothele** by FAC Weber 1898,
(Echinocactus) **concinnus** (Brazil, Uruguay) 1839 —> **Parodia concinna** by NP Taylor 1987,
(Opuntia) **miquelii** (Atacama) 1839 (na FAW Miquel) —> **Miqueliopuntia miquelii** by F Ritter 1980.

†**Mooney**, Herbert Francis (6 Nov 1897–20 Aug 1964); Irish forester & botanist;
conservator of Indian Forest Service, India 1921–50; founder (w over 6,000 collected plant specimens) & keeper of Natl Herbarium at Addis Ababa Univ, Ethiopia 1959~;
***species* nah:**
(Sedum) **mooneyi** (Ethiopia) 1958 (desc & nah by MG Gilbert 1985).

Moore, Francis [**Frank**] A; US;
Book [1974] *Silly Saguaros* Phoenix, Arizona; Eng; 64p (reprint 1998 w 64p).

†**Moore**, (Prof) (Dr) Harold [**Hal**] Emery, Jr (7 Jul 1917–17 Oct 1980); {H.E.Moore};
US botanist; PhD at Harvard Univ, Cambridge, Massachusetts 1942; prof of botany & dir at Bailey Hortorium, Cornell Univ, Ithaca, NY 1948~; major contributor to 1976 *Hortus Third*; collected in Texas 1945; in Costa Rica, Cuba & Mex 1952–54, in Turkey 1956, in Peru 1960 & in Brazil 1967;
desc *species*:
(Callisia) **elegans** (Guatemala, Honduras) 1958;
(Episcia) **dianthiflora** [w RG Wilson] (Mex, Costa Rica) 1954 —> **Alsobia dianthiflora** by HJ Wiehler 1978,
(Sinningia) **eumorpha** (Sao Paulo, Parana) 1954;

transfer *species*:
"Corytholoma macropodum" (TA Sprague 1908) —> **Sinningia macropoda** 1973,
"Cotyledon schuldtiana" (JKL von Poellnitz 1936) —> **Adromischus schuldtianus** 1976,
"Gesneria cardinalis" (JGC Lehmann 1850) —> **Sinningia cardinalis** 1973,
"Hypocyrta strigillosa" (KFP von Martius 1829) —> **Nematanthus strigillosus** 1973,
"Hypocyrta wettsteinii" (K Fritsch 1908) —> **Nematanthus wettsteinii** 1973,
"Rechsteineria leucotricha" (FC Hoehne 1956) —> **Sinningia leucotricha** 1973.

Moore, JM;
Book [1959] *Shoot Development in Dasylirion leiophyllum ENGELMANN*; 156p.

Moore, Jeff; US;
Book [2014] *Under the Spell of Succulents*; Eng; 230p w 800 color photos.

†**Moore**, (Prof) (Dr) John Wm (29 Mar 1901–26 Jun 1988); {J.W.Moore}; US botanist; PhD at Univ of Minnesota 1933; prof of botany at Univ of Minnesota; explored on Raiatea Island (of Society Islands) 1926–27;
desc *variety*:
(Sedum rosea var) **leedyi** [w CO Rosendahl] (Minnesota) 1947 (disc by JL Leedy 1936 & nah) —> **Rhodiola integrifolia** ssp **leedyi** by RV Moran 2000.

†**Moore**, Spencer le Marchant (1 Nov 1850–14 Mar 1931); {S.Moore}; British botanist; BSc at London Univ 1872; worked at Kew 1872–79; explored in Brazil on Matto Grosso expedition 1891–92; to western Australia 1894–96; at British Museum of Natural History, London 1880~; FLS 1875;
desc *species*:
(Asclepias) **bagshawei** (Sudan, Uganda, Zaire, Tanzania) 1908 (na AWG Bagshawe) —> **Stathmostelma welwitschii** var **bagshawei** by DJ Goyder 1998,
(Asclepias) **vomeriformis** (Uganda) 1908 —> **Stathmostelma angustatum** ssp **vomeriforme** by DJ Goyder 1998,
(Asclepias) **xysmalobioides** (Angola) 1912 —> **Glossostelma xysmalobiodes** by AA Bullock 1952,
(Brachystelma) **arenarium** (Angola) 1912,
(Brachystelma) **elegantulum** (Angola) 1912,
(Brachystelma) **praelongum** (Lesotho, Western Cape, Free State, Natal) 1902 (disc by Barrett-Hamilton),
(Caralluma) **gossweileri** (Angola) 1912 (disc by J Gossweiler c1910 & nah),
(Crassocephalum) **notonioides** (Zaire, Ethiopia, Rwanda, Burundi, Uganda, Kenya, Tanzania) 1902 —> **Senecio notonioides** by BJM Zonneveld 2004,
(Cynanchum) **praecox** (Nigeria, Sierra Leone, Cameroon, Malawi, Zaire, Tanzania, Zimbabwe) 1902,
(Hoya) **limoniaca** (New Caledonia) 1921,
(Jatropha) **monroi** (Zimbabwe) 1925 (na CFH Monro),
(Odontostelma) **minus** (Angola) 1912,
(Plectranthus) **swynnertonii** (Limpopo, Zimbabwe, Malawi) 1911 (na CFM Swynnerton),
(Plectranthus) **thorncroftii** (Mpumalanga) 1918 (na G Thorncroft) —> **Thorncroftia thorncroftii** by LEW Codd 1961,
(Pterodiscus) **saccatus** (Somalia, Ethiopia) 1899,
(Raphionacme) **madiensis** (Uganda, Kenya, Tanzania) 1908,
(Schizoglossum) **eylesii** (Zimbabwe, Malawi) 1914 (na F Eyles) —> **Aspidoglossum eylesii** by FK Kupicha 1984,
(Senecio) **abbreviatus** (Western Cape) 1918,
(Senecio) **milanjianus** (Malawi, Zimbabwe, Tanzania) 1902 —> **Senecio oxyriifolius** ssp **milanjianus** by GD Rowley 1990,

(Tenaris) **browniana** (Angola) 1912 (na NE Brown) —> **Brachystelma brownianum** by U Meve 2001;
transfer *species*:
"Tetragonia dimorphanta" (FA Pax 1889) —> **Tribulocarpus dimorphanta** 1921.

†**Moore**, Thomas (21 May 1821–1 Jan 1887); {T.Moore}; British botanist & gardener; curator of Apothecaries' Company's Garden at Chelsea Physic Garden, London, Eng 1848~; interested in ferns; co-editor of Gardeners' Chronicle 1866–82; FLS 1851;
desc *species*:
(Agave) **victoriae-reginae** (Nuevo Leon, Coahuila, Durango) 1875 (na Queen Victoria of UK).

†**Moore**, Winifred Olivia (22 Aug 1904–1 Jun 2003); {W.O.Moore}; Scotland;
Book [1957] *Clarification of the Echinocereus enneacanthus Complex*; Eng; 176p;
desc *forma*:
(Echinocereus enneacanthus fa) **brevispinus** (Texas, Coahuila, Nuevo Leon, Tamaulipas) 1967 (disc by EU Clover 1953) —> **Echinocereus enneacanthus** ssp **brevispinus** by NP Taylor 1997.

†**Moorten**, [née Haliday-Pagan,] Patricia (11 Jan 1920–7 Jul 2010); US horticulturist; interest in botany, horticulture, floriculture & landscape design; one of founders of Calif Cactus Growers Association 1940, & pres 1990; owned nursery & garden *Moorten Desertland Bot Garden* in Palm Springs, Calif w spouse, Chester "Cactus Slim" Moorten (17 Jan 1906–28 Dec 1980), movie actor, horticulturist, landscape designer & contractor; both attended first CSSA convention in St Louis, Missouri 1941 w large exhibit of cacti; CSSA Friends Awards 1994 to Patricia Moorten & son Clark Clifford Moorten (31 Jan 1943–);
Book [1969] *Desert Plants for Desert Gardens* [w R Nevins] Palm Springs, Calif; Eng; 112p.

†**Moquin-Tandon**, [Moquin,] (Prof) (Dr) Christian Horace Bénédict Alfred (7 May 1804–15 Apr 1863); {Moq.}; French naturalist & botanist; pupil of AP de Candolle w DSc at Montpellier Univ 1826; prof of zoology at Marseille 1829–33; prof of botany & dir of Jardin des Plants at Toulouse 1833–53; prof of botany at Faculté de Médécine, Paris 1953~; founding member of Société Botanique de France; contributed to AP de Candolle's *Prodromus*;
desc *genus*:
Arthrocnemum (Tropical Africa, India) 1840;
desc *species*:
(Arthrocnemum) **indicum** (Tropical Africa, India) 1840.

Mora, F;
Book [1980] *Kaktuszok Pozsgasok* Budapest; 63p w 29 color photos.

Mora-Olivo, Arturo (1963–); {Mora-Olivo}; Mex; prof at Universidad Autónoma de Tamaulipas;
desc *species*:
(Echeveria) **rudolfi** [w JG Martinez-Avalos] (Tamaulipas) 2000 (na Rodolfo Martinez Gallegos).

Morales, V;
disc *species*:
(Peperomia) **mitoensis** [w M-S Samain & G Pino] (Peru) 2010 (desc by G Pino & M-S Samain 2012).

Morales Saravia, José;
Book [1979] *Cactaceas* Lima, Peru; 41p.

†**Moran**, ?;

disc *species*:
(Euphorbia) **inornata** (Northern Cape) c1912 (desc by NE Brown 1915).

†**Moran**, (Dr) **Reid** Venable (30 Jun 1916–21 Jan 2010); {Moran}; US botanist; PhD in botany at Univ of Calif, Berkeley 1951; curator & botanist at San Diego Museum of Natural History, Calif for 25 yrs; collected in mainland Mex, Baja Calif & nearby islands in 1940s into 1960s; bot scholar on Crassulaceae; IOS member 1955; CSSA Fellow award 1963; spouse Ellen [née Boersma] Moran; **Book** [1951] *A Revision of Dudleya (Crassulaceae)* Berkeley, Calif; Eng; 295p; (PhD thesis), [1996] *The Flora of Guadalupe Island, Mex* San Francisco, Calif; Eng; 190p w 13 color photos;

***genus* nah & EG & ME Gay:**
Morangaya (desc & nah by GD Rowley 1974) (syn of Echinocereus ENGELMANN);
desc *genus*:
Tacitus (Chihuahua) 1974;
***species* nah:**
(Agave) **moranii** (Baja Calif) (desc & nah by HS Gentry 1978),
(Echeveria) **moranii** (Oaxaca) (desc & nah by EE Walther 1972),
(Sedum) **moranii** (Oregon) (desc & nah by RT Clausen 1942);
disc *species*:
(Dudleya) **verityi** (Calif) 1944 (desc by KM Nakai 1983 & na DS Verity);
desc *species*:
(Dudleya) **campanulata** (Baja Calif) 1978 (disc by him 1977),
(Dudleya) **formosa** (Baja Calif) 1950,
(Dudleya) **guadalupensis** (Baja Calif island Guadalupe) 1951,
(Dudleya) **pachyphytum** [w M Benedict] (Cedros Island off Baja Calif coast) 1980 (disc by M Benedict 1971),
(Dudleya) **stolonifera** (Calif) 1950,
(Echeveria) **calycosa** (Michoacan) 1967 (disc by CH Uhl 1965),
(Echeveria) **chapalensis** [w CH Uhl] (Jalisco, Michoacan) 1989 (disc by CH Uhl 1972),
(Echeveria) **ciliata** (Oaxaca) 1961 —> **Echeveria setosa** var **ciliate** by him 1993,
(Echeveria) **globulosa** (Oaxaca) 1966 (disc by TB MacDougall 1963),
(Echeveria) **laui** [w J Meyran] (Oaxaca) 1976 (disc by AB Lau 1974 & nah),
(Echeveria) **lilacina** [w MW Kimnach] (Nuevo Leon) 1980 (disc by RA Foster, CE Glass & S Osada 1971),
(Echeveria) **nebularum** [w MW Kimnach] (Veracruz, Oaxaca) 2004 (disc by G Castillo, H Iltis & G Cortes 1951),
(Echeveria) **olivacea** (Oaxaca) 1991,
(Echeveria) **procera** (Oaxaca) 1967 (disc by TB MacDougall 1947),
(Echeveria) **prolifica** [w J Meyran] (Puebla) 1978,
(Echeveria) **prunina** [w MW Kimnach] (Chiapas) 1981 (disc by TB MacDougall 1952),
(Echeveria) **semivestita** (Hidalgo, Nuevo Leon, San Luis Potosi) 1954,
(Echeveria) **subcorymbosa** [w MW Kimnach] (Oaxaca) 1994 (disc by AB Lau 1974),
(Echeveria) **valvata** (state of Mex) 1963,
(Echeveria) **waltheri** [w J Meyran] (Guerrero, México) 1961 (na EE Walther),
(Graptopetalum) **fruticosum** (Jalisco) 1968,
(Graptopetalum) **marginatum** [w MW Kimnach] (Nayarit) 2002 (disc by B Ullrich 1993),
(Graptopetalum) **pentandrum** (Michoacan) 1971 (disc by F Boutin & MW Kimnach 1970),
(Hasseanthus) **nesioticus** (Santa Cruz Island off Calif coast) 1950 —> **Dudleya nesiotica** by RV Moran 1953,
(Lenophyllum) **latum** (Nuevo Leon, Tamaulipas) 1994,
(Lenophyllum) **obtusum** (Nuevo Leon) 1994,
(Pachyphytum) **caesium** [w MW Kimnach] (Aguascalientes) 1998 (disc by W Baker),

(Pachyphytum) **fittkaui** (Guanajuato) 1971 (disc by H Fittkau c1967 & nah),
(Pachyphytum) **glutinicaule** (Hidalgo) 1963,
(Pachyphytum) **kimnachii** (San Luis Potosi) 1967 (disc by MW Kimnach 1962 & nah),
(Sedum) **burrito** (Veracruz) 1977 (disc by B Coats 1972),
(Sedum) **commixtum** [w PC Hutchison] (Oaxaca) 1980 (disc by TB MacDougall 1957),
(Sedum) **furfuraceum** (San Luis Potosi) 1961 (disc by him & MW Kimnach 1959),
(Sedum) **macdougallii** (Oaxaca) 1977 (disc by J Ramirez 1967 & na TB MacDougall),
(Sedum) **orbatum** [w J Meyran] (Puebla) 1988,
(Sedum) **oteroi** (Oaxaca) 1977 (na F Otero),
(Sedum) **tehuaztlense** [w J Meyran] (state of Mex) 1987,
(Tacitus) **bellus** [w J Meyran] (Chihuahua) 1974 (disc by AB Lau 1972) —> **Graptopetalum bellum** by DR Hunt 1979,
(Thompsonella) **colliculosa** (Michoacan) 1992 (disc by DB Gold 1961),
(Villadia) **acuta** [w CH Uhl] (San Luis Potosi) 1991 (disc by MW Kimnach 1962),
(Villadia) **aperta** [w CH Uhl] (Durango) 1992,
(Villadia) **aristata** (Coahuila, Nuevo Leon, Tamaulipas, San Luis Potosi) 1990 (disc by him 1957),
(Villadia) **laxa** [w CH Uhl] (Sonora, Chihuahua, Sinaloa) 1995,
(Villadia) **patula** [w CH Uhl] (San Luis Potosi, Guanajuato, Queretaro) 1991,
(Villadia) **recurva** [w MW Kimnach & CH Uhl] (Guerrero, Oaxaca) 1998;

transfer *species*:
"Altamiranoa) goldmanii" (JN Rose 1903) —> **Sedum goldmanii** 1996,
"Altamiranoa scopulina" (JN Rose 1903) —> **Sedum scopulinum** 1996,
"Cotyledon attenuata" (S Watson 1887) —> **Dudleya attenuata** 1943,
"Cotyledon) jurgensenii" (WB Hemsley 1878) —> **Sedum jurgensenii** 1996,
"Cotyledon viscida" (S Watson 1882) —> **Dudleya viscida** 1943,
"Dudleya aloides" (JN Rose 1903) —> **Dudleya saxosa** ssp **aloides** 1957,
"Dudleya arizonica" (JN Rose 1923) —> **Dudleya pulverulenta** ssp **arizonica** 1943,
"Dudleya collomiae" (CV Morton 1934) —> **Dudleya saxosa** ssp **collomiae** 1957,
"Dudleya murina" (A Eastwood 1930) —> **Dudleya abramsii** ssp **murina** 1957,
"Dudleya ovatifolia" (NL Britton 1903) —> **Dudleya cymosa** ssp **ovatifolia** 1957,
"Echeveria linguifolia" (AC Lemaire 1863) —> **Cremnophila linguifolia** 1975,
"Epiphyllum truncatum" (AH Haworth 1819) —> **Schlumbergera truncata** 1953,
"Hasseanthus multicaulis" (JN Rose 1903) —> **Dudleya multicaulis** 1953,
"Porfiria coahuilensis" (F Boedeker 1926) —> **Mamm coahuilensis** 1953,
"Sedum blochmaniae" (desc by A Eastwood 1896) —> **Dudleya blochmaniae** 1953,
"Sedum edule" (T Nuttal 1840) —> **Dudleya edulis** 1943,
"Sedum variegatum" (S Watson 1876) —> **Dudleya variegata** 1953,
"Stylophyllum anomalum" (A Davidson 1928) —> **Dudleya anomala** 1943.
"Stylophyllum densiflorum" (JN Rose 1903) —> **Dudleya densiflora** 1943,
"Stylophyllum hassei" (JN Rose 1903) —> **Dudleya virens** ssp **hassei** 1995,
"Stylophyllum insulare" (JN Rose 1903) —> **Dudleya virens** ssp **insularis** 1995,
"Stylophyllum orcuttii" (JN Rose 1903) —> **Dudleya attenuata** ssp **orcuttii** 1943,
"Stylophyllum traskiae" (JN Rose 1903) —> **Dudleya traskiae** 1943,
"Stylophyllum virens" (JN Rose 1903) —> **Dudleya virens** 1943;

desc *subsp*:
(Dudleya cymosa ssp) **marcescens** (Calif) 1957,
(Dudleya nubigena ssp) **cerralvensis** (Cerralvo Island) 1969,
(Dudleya virens ssp) **extima** (Baja Calif island Guadalupe) 1995,
(Graptopetalum paraguayense ssp) **bernalense** [w MW Kimnach] (Tamaulipas) 1986,
(Hasseanthus blochmaniae ssp) **brevifolius** (Calif) 1950 —> **Dudleya blochmaniae** ssp **brevifolia** by RV Moran 1953,

(Hasseanthus blochmaniae ssp) **insularis** (Calif) 1950 —> **Dudleya blochmaniae** ssp **insularis** by RV Moran 1953,

(Sedum jurgensenii ssp) **attenuatum** (Veracruz, Puebla, Oaxaca) 1998,

(Villadia cucullata ssp) **apiculata** [w CH Uhl] (Hidalgo, Nuevo Leon, Tamaulipas, San Luis Potosi) 1998;

desc *variety*:

(Echeveria setosa var) **minor** (Oaxaca) 1993,

(Echeveria setosa var) **oteroi** (Oaxaca) 1993 (na F Otero);

transfer *variety*:

"Sedum rosea var leedyi" (CO Rosendahl & JW Moore 1947) —> **Rhodiola integrifolia** ssp **leedyi** 2000.

Morat, (Prof) (Dr) Philippe (19 Jan 1937–); {Morat}; French botanist;
PhD at Univ de Paris-Sud, Orsay, France 1972; researcher at Office de la Recherche Scientifique et Technique d'Outre-Mer in Mada 1963–65, Montpellier, France 1965–66, Mada 1966–75, Paris Museum 1975–76 & New Caledonia 1976–86; dir & prof of Laboratoire de Phanérogamie at Paris Natural History Museum 1986~; collected in Mascarene Islands 1967 & in Seychelles Islands, New Caledonia, Australia & French Polynesia; specialist on Mada plants;

Book [1974] *Flore et Vegetation de Madagascar* [w J-L Guillaumet & J Koechlin]; French; 687p;

disc *species*:

(Euphorbia) **moratii** (Mada) (desc & nah by WHH Rauh 1970);

desc *species*:

(Stapelianthus) **arenarius** [w JM Bosser] (Mada) 1971,

(Stapelianthus) **keraudreniae** [w JM Bosser] (Mada) 1971 (na M Keraudren-Aymonin].

†**Morawetz**, Victor (3 Apr 1859–18 May 1938); US philanthropist; had show garden of cacti in S Carolina; collected in Chile, Peru & Ecuador;

***genus* nah:**

Morawetzia (Peru) (desc & nah by C Backeberg 1936) (syn of Oreocereus RICCOBONO).

***species* nah:**

(Cleistocactus) **morawetzianus** (Peru) (desc & nah by C Backeberg1936).

Morel, G;

Book [1967] *Culture et Particularites Biochimques de Différents Tissus d'Opuntia vulgaris* [w A Goldmann]; 381p.

Morera, C;

Book [1982] *Contribucion al Estudio de la Problematica del Maguey* Mex City.

Morey, Roy; US;

Book [2008] *Little Big Bend—Common, uncommon, & rare plants of Big Bend Natl Park* Lubbock, Texas; Eng; 329p.

Morgan, Diana; Australia; writer for gardening magazine in Melbourne, Australia;

Book [2004] *Succ for Mediterranean Climate Gardens*; 128p w 120 color photos.

†**Morgan**, Hugh (1530–13 Sep 1613); Eng; London grocer, apothecary & herbalist;
apothecary to Queen Elizabeth I & King James I 1588~; created a bot garden at St Stephen Parish, London; introduced a Melocactus from West Indies; visitors to his bot garden were J Gerard, M de Lobel & P Pena; possibly first cactus collector in GB; spouse Lucy [née Libbell] Morgan.

†**Morgan**, (Dr) Meredith Walter, Sr (25 Apr 1887–3 Aug 1957);
US optometrist & plant hybridizer from Richmond, Calif; created Crassula 'Morgan's Beauty' & the Giant Burro's Tail; collected in Mex; first in US to flower Sedum morganianum (Burro's Tail) in 1938; spouse Florence [née Forsyth] Morgan;

species **nah:**

(Mamm) **morganiana** (Guanajuato, Queretaro) (desc & nah by I Tiegel 1933),

(Sedum) **morganianum** (Mex) (desc & nah by EE Walther 1938 & disc by EE Walther 1935 in small nursery near Jalapa, Veracruz).

Morgan, P; US;
Book [1989] *The Saguaro (A Selected Bibliography in Appreciation of an Enduring Giant)* Tucson, Arizona; 38p.

†**Morgenstern**, Kurt D (c1904–); Ger horticulturist & plant breeder; to Eng 1940s;
Book [1979] *Das Bilderbuch der Sansevierias Mit Interessanten Neuen Sorten* Kempten, Ger; Ger; 112p; (Eng version "Sansevierias in Pictures & Words", 112p).

Morillo, Gilberto N (27 Mar 1944–); {Morillo}; Venezuelan botanist & scientist;
curator of Herbario Forestal of Univ of the Andes in Mérida, Venezuela 1995;
desc *species*:

(Marsdenia) **gillespieae** (Guyana) 1991 (na LJ Gillespie),
(Marsdenia) **guanchezii** (Venezuela) 1986 (na ? Guanchez),
(Marsdenia) **megalantha** [w DJ Goyder] (Bahia) 1994.

†**Moris**, (Prof) (Dr med) Giuseppe Giacinto [Joseph Hyacinthe] (1796–1869); {Moris]; Italian physician & botanist; MD at Univ of Turin 1815 & prof of medicine & dir of bot garden 1831~;
transfer *species*:
"Sedum glanduliferum" (G Gussone 1827) —> **Sedum dasyphyllum** var **glanduliferum** 1840.

†**Morison**, (Prof) (Dr) Robert (1620–10 Nov 1683); {Morison}; Scottish botanist & gardener; studied botany w Vespasien Robin (botanist to King of France); in France at Angers & Blois 1640–60; appointed by Duke of Orleans as superintendent of royal garden at Blois, France, 1650; first prof of botany & dir of Oxford Univ Bot Garden (established 1621), Eng 1669~; pre-Linnaean systematist; first to pub a bot classification system based on external form of plant fruits he called seeds;
Book [1669] *Hortus Regius Blesensis Auctus* London, Eng; 449p,

[1680–99] *Plantarum Historiae Universalis Oxoniensis pars Secunda Seu Herbarum Distributio Nova, per Tabulas Cognationis et Affinitatis ex Libro Naturae Observata et Detecta* = "History of Plants" w about 72 succ plates; (in 2 Vols); Vol 1 never pub;

[1680] Vol 2; 619p;
[1699] Vol 3; 657p; by Jacob Bobart the Younger (1641–1719).

†**Morong**, (Dr) Thomas (15 Apr 1827–26 Apr 1894); {Morong}; US clergyman & botanist; BS at Amherst College, Massachusetts 1848; STB at Andover Theological Seminary, Massachusetts 1853; collector in Paraguay & Chile 1888–90; curator of Columbia College herbarium, NY 1890~; spouse Mary L [née Bennett] Morong;
desc *species*:

(Cereus) **saxicola** (Argentina, Brazil, Paraguay) 1893—> **Praecereus saxicola** by NP Taylor 1997.

†**Morren**, (Prof) (Dr) Charles Jacques **Édouard** (2 Dec 1833–28 Feb 1886); {E.Morr.}; Belgian botanist; DSc at Leige Univ, Belgium 1855; prof of botany & dir of bot garden at Liége Univ 1857~; specialist on Bromeliaceae; first to use the name **Mamillopsis** as a subgenus of genus **Mammillaria** & increased to generic status by FAC Weber; co-editor of *La Belgique Horticole* w father,

Charles François Antoine Morren (1807–1858), 1855–58 & editor 1858–84;
spouse Marie Henriette Caroline [née Verrassel] Morren;
Book [1887] *Index Bibliographique de l'Hortius Belgicus* [w A de Vos] Brussels, Belgium; 617p; (includes references to c&s);
transfer *species*:
"Cotyledon atropurpurea" (JG Baker 1870) —> **Echeveria atropurpurea** 1874,
"Cotyledon carnicolor" (JG Baker 1870) —> **Echeveria carnicolor** 1874.

†**Morrical**, Dale (21 Mar 1908–22 Apr 1994); US; electronic technician w US Dept of Defense in Tucson, Arizona; explored in sw US & Mex;
disc *species*:
(Echinocereus) **morricalii** (Nuevo Leon) (desc & nah by J Riha 1975) —> **Echinocereus viereckii** ssp **morricalii** by NP Taylor 1997.

†**Morris**, [née Seller,] Florence Nightingale (25 May 1897–);
RSA succ plant lover interested in Haworthias; corresponded w GV Britten, FR Long & W Triebner; spouse Gilbert Morris; mother GD Court;
***species* nah:**
(Haworthia) **morrisiae** (Western Cape) (desc & nah by JKL von Poellnitz 1937) —> **Haworthia scabra** var **morrisiae** by MB Bayer 1976;
variety nah:
(Haworthia altilinea var) **morrisiae** (Western Cape) (desc & nah by JKL von Poellnitz 1938) —> **Haworthia mucronata** var **morrisiae** by JKL von Poellnitz 1940.

Morris, (Dr) Miranda; St. Andrews ethnologist & linguist specializing in s Arabia;
Book 1988] *Plants of Dhofar* [w AG Miller} Oman; 361p w 10 color photos,
[2004] *Ethnoflora of the Soqotra Archipelago* [w AG Miller] Edinburgh, Eng; Eng; 759p.

†**Morrison**, (Dr med) Alexander (15 Mar 1849–7 Dec 1913); {Morrison};
Scottish physician ≈1897 & botanist; botanist at Bureau of Agriculture of Western Australia 1897–1906; collected in Western Australia, Victoria & S Australia;
desc *species*:
(Calandrinia) **creethae** (Western Australia) 1912 (disc by ? Creeth & nah) —> **Parakeelya creethae** by MA Hershkovitz 1999,
(Calandrinia) **schistorhiza** (Western Australia) 1912 —> **Parakeelya schistorhiza** by MA Hershkovitz 1999.

†**Morrison**, Robert (1620–1683); prof of botany at Oxford Univ, Eng;
Book [1672–99] *Plantarum Historiae Universalis Oxoniensis*; in 3 parts; some 72 succ & semi-succ plants included;
[1672] Part II; 617p,
[1680] Part III; 657p,
[1699] Part I, 91p; (pub by Jacob Bobart (1641-1719) under title *Plantarum Umbelliferarum Distributo Nova 1672*).

Mortensen, Russell H (fl 1950); friend of LCM Croizat;
disc *species*:
(Pilocereus) **mortensenii** (Venezuela) 1949 (desc & nah by LCM Croizat 1950) —> **Cereus mortensenii** by DR Hunt & NP Taylor 1991.

†**Mortimer**, (Prof) (Dr) Keith V (1932–?26 Jul 2005); British dental surgeon;
PhD at Bristol Univ c1962; lecturer in dentistry at Leeds Univ ≈1967 & at Univ of Wales, Cardiff 1967–74; prof of dentistry at London Univ 1975~; succ grower; explored in Africa & US;
IOS member 1967; NCSS Fellow 1971 & Life Member 1982, NCSS/BCSS chairman 1965–1988; BCSS VP 1988; spouse Avril Mortimer;
Book [2006] *Mortimer's Cacti* London; Eng;100p; (a sale catalog of 648 items of c&s literature, many rare, pub by Maggs Bros Ltd after his death);
desc *species*:
(Rhytidocaulon) **fulleri** [w JJ Lavranos] (Oman) 1970 (disc by KV Mortimer & JJ Lavranos & na ABI Fuller);
***variety* nah:**
(Aloe rigens var) **mortimeri** (Yemen) (desc & nah by JJ Lavranos 1967 & disc by JJ Lavranos & WHH Rauh 1964).

†**Morton**, **Conrad** Vernon (24 Oct 1905–29 Jul 1972); {C.V.Morton}; US botanist;
BA at Univ of Calif 1928; curator of ferns at nat'l herbarium, Smithsonian Institute 1928~;
specialized on Gesneriaceae & Solanaceae; collected in West Indies;
desc *species*:
(Dudleya) **collomiae** (Arizona) 1934 (disc by RE Collom & nah) —> **Dudleya saxosa** ssp **collomiae** by RV Moran 1957,
(Oreobroma) **heckneri** (Calif) 1931 (na JH Heckner) —> **Lewisia cotyledon** var **heckneri** by PA Munz 1957;
transfer *species*:
"Hypocyrta crassifolia" (HC Focke 1852) —> **Codonanthe crassifolia** 1938;
desc *variety*:
(Dioscorea macrostachya var) **palmeri** 1936 (na E Palmer).

†**Morton**, (Dr) John Kenneth (1928–9 Jan 2011); {J.K.Morton}; Eng botanist, entomologist & taxonomist; PhD at King's College, Durham, Eng 1953; prof of botany at Univ of Ghana1951–61; prof of botany & dir of Wat Herbarium at Univ of Waterloo, Ontario, Canada 1968–94;
***species* nah:**
(Brachystelma) **mortonii** (Ghana, Ivory Coast) (desc & nah by CC Walker 1981);
desc *species*:
(Plectranthus) **gillettii** (Somalia, Kenya, Ethiopia) 1998 (na JB Gillett),
(Plectranthus) **marrubatus** (Kenya, Ethiopia) 1998;
transfer *species*:
"Coleus latifolius" (G Bentham 1848) —> **Solenostemon latifolius** 1962,
"Germanea rotundifolia" (JLM Poiret 1812) —> **Solenostemon rotundifolius** 1962.

†**Mosbeux**, J;
Book [1923] *Culture des Cactees, Suivie d'une Liste des Principales Especes et Varietes* Bruxelles; 31p.

Mosco, (Dr) Alessandro (1962–); {Mosco}; Italian medical laboratory technician & biologist;
IOS member 2000;
transfer *species*:
"Echinocactus heterochromus" (FAC Weber 1940) —> **Thelocactus bicolor** ssp **heterochromus** [w C Zanovello] 2000,
"Thelocactus beguinii" (NP Taylor 1983) —> **Turbinicarpus beguinii** [w C Zanovello] 1997,
"Thelocactus garciae" (CE Glass & M Mendoza-Garcia 1997) —> **Thelocactus conothelos** ssp **garciae** [w C Zanovello] 2000;
desc *subsp*:

(Turbinicarpus schmiedickeanus ssp) **andersonii** (San Luis Potosi) 1999 (disc by EF Anderson & nah).

†**Moscoso**, [Moscoso Puello,] (Dr hc) Rafael Maria (17 Feb 1874–12 Oct 1951); {Moscoso}; Dominican naturalist & amateur botanist; teacher at high schools & colleges; first dir of Instituto de Botanica of Univ de Santo Domingo 1941–44; honorary doctorate from Autonomous Univ of Santo Domingo;
"Dr Rafael M Moscoso Natl Bot Garden", Santo Domingo, Dominican Rep, established 1976, nah;
Book [1941] *Las Cactaceas de la Flora de Santo Domingo* Ciudad Trujillo, Republica Dominicana; Spanish; 35p.

†**Moseley**, Henry Nottidge (14 Nov 1844–10 Nov 1891); {H.Moseley}; British naturalist; natural scientist & zoologist; MA at Oxford Univ 1868; on HMS Challenger expedition around world 1872–76, exploring in West Indies, Madeira, Cape Verde Island, Brazil & RSA; worked at Univ of London 1879 & prof of anatomy at Univ of Oxford 1881; FRS 1877; FLS 1880; spouse Amabel Gwyn [née Jeffreys] Moseley;
disc *species*:
(Hydnophytum) **moseleyanum** (Australia, New Guinea) (desc & nah by O Beccari 1884).

†**Mosen**, [Mosén,] (Dr) Carl Wilhelm Hjalmar (14 May 1841–27 Sep 1887); {Mosen}; Swedish botanist; PhD 1873; collected in Brazil on Regnell Expedition 1873–76;
disc *species*:
(Rhipsalis) **elliptica** (Brazil) 1874–75 (desc by KM Schumann 1890).

†**Moser**, Günther (11 Jun 1919–13 Feb 1994); {G.Moser}; Austrian horticulturist & importer of cacti; researcher on Paraguayan cacti collected by AM Friedrich 1962~;
Book [1985] *Kakteen - Die Kakteenflora Paraguays: Adolfo Maria Friedrich und Sein Schönes Paraguay* Tyrol, Austria; Ger;168p w 70 color photos;
desc *species*:
(Frailea) **concepcionensis** [w AFH Buining] (Bolivia, Paraguay) 1971 —> **Frailea schilinzkyana** ssp **concepcionensis** by PJ Braun & E Esteves Pereira 1995;
desc *variety*:
(Frailea cataphracta var) **tuyensis** [w AFH Buining] (Paraguay) 1971 —> **Frailea pygmaea** ssp **tuyensis** by D Metzing 2006.

†**Moser**, [nee Beck] Mary Margaret [**Becky**] (12 Oct 1924–12 Jan 2013); US linguist;
studied Seri language 1950s~; works at SIL [Summer Institute of Linguistics] International, Catalina, Arizona;
spouse Edward Wm Moser (1924–1976);
Book [1985] *People of the Desert & Sea: Ethnobotany of the Seri Indians of the Gulf of Calif* [w RS Felger] Tucson, Arizona; Eng; 435p.

Moses, Barbara; US;
Book [1993] *Boyce Thompson Southwestern Arboretum* Cincinnati, Ohio; Eng; 24p.

†**Moss**, (Prof) (Dr) **Charles** Edward (7 Feb 1870–11 Nov 1930); {Moss}; British botanist; DSc at Manchester Univ 1907; curator at Cambridge Univ herbarium 1908–16; first prof of botany at S African School of Mines & Technology, later at Univ of Witwatersrand, RSA 1917~ where he founded Moss Herbarium & nah; collected in RSA; FLS 1912; spouse Margaret [née Heatley] Moss (1885–1953), botanist at Univ of Witwatersrand 1921;
***genus* nah:**
Mossia (Free State, Gauteng, Mpumalanga, Limpopo, Eastern Cape, Lesotho) (desc & nah by NE Brown 1930).

Mossmer, [Mössmer,] Marthina; project consultant & editor at Natl Bot Institute, Pretoria, RSA; editor of SABONET News (S African Bot Diversity Network) 1998~;
Book [1997] *Taxonomic Literature of Southern African Plants* [w NL Meyer & GF Smith] Pretoria, RSA; Eng; 164p; (editors of).

†**Most**, Carlos (fl 1906); Cordoba, Argentina; collected in Argentina;
***species* nah:**
(Echinocactus) **mostii** (Argentina) (desc & nah by RLA Gurke 1906) —> **Gymnocalycium mostii** by NL Britton & JN Rose 1918.

†**Mostert**, (Dr) Johan Wilhelm Christiaan (5 Sep 1923–27 Jul 1991); RSA pasture scientist; DSc at Univ of OFS 1958; pasture research officer at Potchefstroom Agriculture College 1946–49 & at Glen Agriculture College 1949–69; assistant dir of research at Natal Region 1970~;
disc *species*:
(Brachystelma) **glenense** (Limpopo, Free State) (desc by RA Dyer 1976).

Mottram, Roy (20 Aug 1940–); {Mottram}; British scientist, horticulturist & journal editor; BSc in mathematics at Manchester Institute of Science & Technology 1963; weather forecaster 1963–66; manager of glass process plant manufacturer 1966–74; cactus grower 1952~; joined NCSS 1954 & CSSGB 1960; commercial grower 1970–74; owner of Whitestone Nurseries 1974 & Whitestone Gardens Ltd 1975~; IOS member 1986; curator of Natl Collection of Borzicactinae 1989~; joint-author of Opuntia Index in Bradleya 1995–2005; BCSS journal editor 2005–2011; RHM 2008; spouse Sandra Marie Mottram (1946–);
Book [1980] *Mamm Index* Sutton, Eng; Eng; 103p,
[1987] *Asclepiadaceae Stocklist 1987* Sutton; Eng; 38p,
[1990] *A Contribution to a New Classification of the Cactus Family & Index to Suprageneric & Suprespecific Taxa* Sutton; Eng; 89p,
[1998] *Growing Succ Plants in Captivity (A Novice's Guide) - A Trade Calogue* Sutton; Eng; 22p,
[2003] *List of Secondhand, Out-of-print, and Rare Literature* Glenrothes, Eng; Eng; 48p;
desc *species*:
(Mamm) **dixanthocentron** (Oaxaca) 1980,
(Mamm) **flavicentra** (Oaxaca) 1980,
(Mamm) **nana** (San Luis Potosi) 1980;
transfer *species*:
"Cephalocleistocactus chrysocephalus" (F Ritter 1959) —> **Cleistocactus chrysocephalus** 2002,
"Cleistocactus piraymirensis" (M Cardenas 1961) —> **Cleistocactus candelilla** ssp **piraymirensis** 2002,
"Cleistocactus santacruzensis" (C Backeberg 1966) —> **Cleistocactus baumannii** ssp **santacruzensis** 1989,
"Cleistocactus micropetalus" (F Ritter 1980) —> **Cleistocactus tominensis** ssp **micropetalus** 2002,
"Cleistocactus tarijensis" (M Cardenas 1956) —> **Cleistocactus hyalacanthus** ssp **tarijensis** 2002,
"Cleistocactus vulpis-cauda" (F Ritter & W Cullmann 1962) —> **Cleistocactus brookeae** ssp **vulpis-cauda** 2001,
"Echinocactus myriacantha" (FKJ Vaupel 1913) —> **Matucana haynei** ssp **myriacantha** 1997,
"Hildewintera colademononis" (L Diers & W Krahn 2003) —> **Cleistocactus colademononis** 2006,
"Mamm hystrix" (WHH Rauh & C Backegerg 1957) —> **Mammillaria haynei** ssp **hystrix** 1997,
"Matucana currundayensis" (F Ritter 1958) —> **Matucana aurantiaca** ssp **currundayensis** 1997,
"Matucana fruticosa" (F Ritter 1967) —> **Matucana aurantiaca** ssp **fruticosa** 2002,
"Matucana hastifera" (F Ritter 1981) —> **Matucana aurantiaca** ssp **hastifera** 2002,
"Matucana herzogiana" (C Backeberg 1956) —> **Matucana haynei** ssp **herzogiana** 1997,
"Matucana polzii" (JD Donald, L Diers & E Zecher 1986) —> **Ma**,**tucana aurantiace** ssp **polzii** 2002,
"Morawetzia sericata" (F Ritter 1981) —> **Oreocereus doelzianus** ssp **sericatus** 2002,

"Trichocereus arboricola" (MW Kimnach 1990) —> **Echinopsis arboricola** 1997;
transfer *variety*:
"Morawetzia doelziana var calva" (WHH Rauh & C Backeberg 1954) —> **Oreocereus doelzianus** ssp **calvus** 2002.

Moulins, CRA Des — See **Des Moulins**, CRA.

Mount, Guy;
Book [1993] *Peyote Book—A Study of Native Medicine* Cottonwood, Calif; 144p; (editor of).

†**Mouret**, (Lt-Col) Marcellin (1881–1915); French soldier & botanist; commissaire of general government in French West Africa; collected in N Africa & French Indochina; specialist on algae & mosses;
***species* nah:**
(Caralluma) **mouretii** (Mauretania) (desc & nah by AJB Chevalier 1934 & disc by M Charles 1911).

Mricha, Abderrahmae (1962–);
Book [1988] É*tude de la Sensibilité au Photoperiodisme dans les cals Issus de Feuilles d'une Plante à Métabolisme Crassulacéen (le Kalanchoe blossfeldiana cv. Montezuma)* Paris, France; French; 93p.

†**Mucciolo**, Louis (?21 Jul 1919–Aug 2005?); US humorist & illustrator;
Book [1984] *Can You Hear The Saguaros Talking?* Tucson, Arizona; Eng; 48p; (photographer Robert King).

†**Muehlenpfordt**, [Mühlenpfordt,] {Dr med) Philipp August **Friedrich** (30 Jan 1803–1891); {Mühlenpf. or Meuhlenpf.}; Ger physician & cactus researcher; MD in Göttingen 1826; instructor of zoology & botany; explored in Mex;
***species* nah:**
(Mamm) **muehlenpfordtii** (Queretaro, Guanajuato) (desc & nah by CF Forster 1847);
desc *species*:
(Echeveria) **gracillima** 1873,
(Echinocactus) **hamatocanthus** (Texas & New Mex into Mex) 1846 —> **Ferocactus hamatacanthus** by NL Britton & JN Rose 1922,
(Mamm) **heyderi** (Arizona, Texas, New Mex) 1848 (na E Heyder),
(Mamm) **microthele** (Tamaulipas, San Luis Potosi) 1848 —> **Mamm formosa** ssp **microthele** by DR Hunt 1997,
(Pereskia) **subulata** (Peru) 1845 —> **Austrocylindropuntia subulata** by C Backeberg 1942.

†**Mueller**, (Mr);
***species* nah:**
(Mesemb) **muelleri** (Great Namaq) (desc & nah by HML Bolus 1922) —> **Ruschia muelleri** by MHG Schwantes 1927.

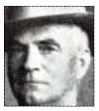
†**Mueller**, (Dr) (Baron) (Sir) Ferdinand Jakob [Jacob] Heinrich von (30 Jun 1825–10 Oct 1896); {F.Muell.}; Ger pharmacist & botanist; PhD at Univ of Kiel, Ger 1846; to Australia 1847; government botanist in Victoria 1852~; founder & dir of Melbourne Bot Garden 1857–73; founder & dir of Melbourne bot garden 1857–73; collected in Australia & sent plants to Europe; founder of Royal Soc of Victoria; held 20 knighthoods, 5 doctorates & was in 150 scientific societies; FLS 1859; FRS 1861; became a Baron by King of Württemberg 1871;
desc *species*:
(Adansonia) **gregorii** (Northern Territory) 1857 (na AC Gregory),
(Aizoon) **zygophylloides** (Northern Territory, South Australia) 1871 —> **Gunniopsis zygophylloides** by

FLE Diels 1904,
(Calandrinia) **brevipedata** (S Australia, Western Australia) 1876 —> **Parakeelya brevipedata** by MA Hershkovitz 1999,
(Calandrinia) **corrigioloides** (S Australia, Western Australia, Victoria) 1863 —> **Parakeelya corrigioloides** by MA Hershkovitz 1999,
(Calandrinia) **pleiopetala** (Northern Territory, Queensland) 1876 —> **Parakeelya pleiopetala** by MA Hershkovitz 1999,
(Calandrinia) **ptychosperma** (Australia) 1864 —> **Parakeelya ptychosperma** by MA Hershkovitz 1999,
(Calandrinia) **quadrivalvis** (Northern Territory, Queensland, Western Australia) 1859 —> **Parakeelya quadrivalvis** by MA Hershkovitz 1999,
(Calandrinia) **spergularina** (Northern Territory, Queensland) 1859 —> **Parakeelya spergularina** by MA Hershkovitz 1999,
(Calandrinia) **strophiolata** (Western Australia) 1880 —> **Parakeelya strophiolata** by MA Hershkovitz 1999,
(Calandrinia) **uniflora** (Northern Territory, Queensland, Western Australia) 1857 —> **Parakeelya uniflora** by MA Hershkovitz 1999,
(Chorilaena) **hassellii** 1889 —> **Muiria hassellii** by CA Gardner 1934,
(Gunnia) **septifraga** (Australia) 1859 —> **Gunniopsis septifraga** by RJ Chinnock 1983,
(Hoya) **nicholsoniae** (Queensland, Papua New Guinea, Solomon Islands) 1866 (na C Nicholson),
(Lepidium) **pholidogynum** (Western Australia) 1863,
(Mesemb) **praecox** 1952 —> **Sarcozona praecox** by H Eichler 1965,
(Mesemb) **tegens** (New S Wales) 1866 —> **Lampranthus tegens** by NE Brown 1930,
(Microstemma) **glabriflorum** (Northern Territory, Western Australia, Indonesia, Myanmar, Papua New Guinea, Philippines, Thailand) 1858 —> **Brachystelma glabriflorum** by FRR Schlechter 1914,
(Monoploca) **leptopetala** (South Australia, New South Wales) 1855 —> **Lepidium leptopetalum** by FJH von Mueller 1861,
(Monoploca) **phlebopetala** (South Australia, New South Wales, Northern Territory) 1853 —> **Lepidium phlebopetalum** by FJH von Mueller 1861,
(Portulaca) **bicolor** (Australia) 1859,
(Portulaca) **cyclophylla** (Australia) 1890,
(Portulaca) **digyna** (Australia) 1859,
(Portulaca) **oligosperma** (Australia) 1859,
(Senecio) **drymophilus** (Queensland) 1857 —> **Gynura drymophila** by FG Davies 1981,
(Senecio) **tropaeolifolius** (Cape) 1867 —> **Senecio oxyriifolius** ssp **tropaeolifolius** by GD Rowley 1990,
(Sesuvium) **quadrifidum** (New South Wales, Northern Territory, South Australia, Queensland, Western Australia) 1859 —> **Gunniopsis quadrifida** by FA Pax 1894,
(Tetragonia) **diptera** (Australia) 1878,
(Trianthema) **cussackiana** (Australia) 1895 (na ? Cussack),
(Trianthema) **glaucifolia** (Australia) 1859,
(Trianthema) **glossistigma** (Australia) 1884,
(Trianthema) **oxycalyptra** (Australia) 1859,
(Trianthema) **pilosa** (Australia) 1859,
(Trianthema) **turgidifolia** (Australia) 1876;
desc *variety*:
(Calandrinia calyptrate var) **pumila** (Australia) 1863 —> **Parakeelya pumila** by MA Hershkovitz 1999.

†**Mueller**, Johann Sebastian (1715–1796); {J.S.Muell.}; [known by this name ≈1744 & by John Miller 1744~;] Ger draughtsman, engraver & painter; to Eng 1744; studied under P Miller;
desc *species*:
(Cassyt(h)a) **baccifera** (S Amer, Latin Amer, Mexico, West Indies) 1771 —> **Rhipsalis baccifera** by WT Stearn 1939.

†**Mueller**, [Müller,] Konrad (1857–); {K.Muell. or K.Müll.};
desc *species*:
(Cypselea) **meziana** (Paraguay) 1908,
(Galenia) **mexiana** (Namaq) 1908.

†**Muir**, Hortense; RSA; daughter of J&S Muir;
***species* nah:**
(Muiria) **hortenseae** (Western Cape) (desc & nah by NE Brown 1927 & disc by J Muir).



†**Muir**, (Dr med) **John** (18 Jun 1874–3 Aug 1947); Scotland to Riversdale, RSA 1896; physician, naturalist, botanist & collector at Cape 1896~; MD at Edinburgh Univ 1902; honorary doctorate from Edinburgh Univ 1929; writer on birds, sea-shells, medicine, folklore & plants in & around the Riversdale District; spouse S Muir;
***genus* nah:**
Muiria (Cape) (desc & nah by NE Brown 1927);
***species* nah:**
(Aloe) **muirii** (Western Cape) (desc & nah by HWR Marloth 1929) —> **Aloe lineata** var **muirii** by GW Reynolds 1950,
(Aridaria) **muirii** (Cape) (desc & nah by NE Brown 1928),
(Conicosia) **muirii** (Cape) (desc & nah by NE Brown 1928) —> **Conicosia pugioniformis** ssp **muirii** by H-D Ihlenfeldt & M Gerbaulet 1990,
(Conophytum) **muirii** (Cape) (desc & nah by NE Brown 1927),
(Cotyledon) **muirii** (Cape) (desc & nah by S Schonland 1915,
(Delosperma) **muirii** (Cape) (desc & nah by HML Bolus 1935),
(Dorotheanthus) **muirii** (Cape) (desc & nah by NE Brown 1929),
(Drosanthemum) **muirii** (Cape) (desc & nah by HML Bolus 1930),
(Euphorbia) **muirii** (Western Cape) (desc & nah by NE Brown 1915 & disc by HHW Pearson),
(Gibbaeum) **muirii** (Cape) (desc & nah by NE Brown 1926),
(Hereroa) **muirii** (Western Cape) (desc & nah by HML Bolus 1927),
(Mesemb) **muirianum** (Little Karoo) (desc & nah by HML Bolus 1927) —> **Ruschia muiriana** by MHG Schwantes 1927,
(Mesemb) **muirii** (Western Cape) (desc & nah by HML Bolus 1922) —> **Carpobrotus muirii** by HML Bolus 1927,
(Rhinephyllum) **muirii** (Western Cape) (desc & nah by NE Brown 1927),
(Senecio) **muirii** (Western Cape) (desc & nah by HML Bolus 1915);
disc *species*:
(Euphorbia) **corymbosa** (Eastern Cape) c1910 (desc by NE Brown 1915),
(Euphorbia) **pseudoglobosa** (Western Cape) 1928 (desc by HWR Marloth 1929),
(Muiria) **hortenseae** (Western Cape) (desc by NEE Brown 1927 & na Hortense Muir).

†**Muir**, [née Steyn,] Susanna [Susan]; spouse J Muir;
disc *species*:
(Euphorbia) **susannae** (Western Cape) 1925 (desc & nah by HWR Marloth 1929).

†**Muirhead**, Clara Winsome (1 Feb 1915–1985); {Muirhead}; Eng;
desc *species*:
(Rosularia) **davisii** (Turkey) 1972 (na PH Davis),
(Sempervivum) **artvinense** (Turkey) 1969,
(Sempervivum) **brevipilum** (Turkey) 1969,

(Sempervivum) **davisii** (Turkey, Iran) 1969 (na PH Davis),
(Sempervivum) **furseorum** (Turkey) 1969,
(Sempervivum) **gillianii** (Turkey) 1969,
(Sempervivum) **ispartae** (Turkey) 1969,
(Sempervivum) **staintonii** (Turkey) 1969,
(Sempervivum) **transcaucasicum** (Turkey, Georgia A) 1965;
desc *variety*:
(Sempervivum) **armenum** var **insigne** (Turkey) 1969.

†**Mulford**, (Dr) Anna Isabel [**Elizabeth**] (1848–16 Jun 1943); {Mulford}; US botanist & teacher at High Schools; first student to earn PhD in botany established by H Shaw at Washington Univ, St Louis, Missouri 1895;
Book [1896] *A Study of the Agaves of the US* St Louis, Missouri; Eng; 92p (PhD thesis).

Müll.Arg., - See **Müller Argoviensis**, J.

†**Muller**, [Müller, Mueller,] Carl;
Book [1909] *Beitrage zur Vergleichenden Anatomie der Blätter der Gattung Agave und Ihrer Verwertung für die Unterscheidung der Arten* Gottingen, Ger; Ger; 47p; (thesis).

†**Muller**, [Müller, Mueller] Cornelius Herman (22 Jul 1909–26 Jan 1997); {C.H.Mull.};
US botanist & ecologist; prof of botany at Univ of Calif, Santa Barbara; collected in US, Mex & Cuba;
desc *species*:
(Talinum) **youngae** (Texas, New Mex) 1933 (disc by MS Young & nah).

†**Muller**, [Müller, Mueller,] (Dr) Franz Sebastian (16 Feb 1913–22 May 2010); {F.S.Mull.}; RSA botanist & physician; DSc in botany at Univ of Pretoria 1942; MBChD medical degree at Univ of Cape Town 1949; private medical practice for over 40 yrs;
Book [1945] '*N Chromossomstudie van 'n aantal Spesies van die Genus Aloe Linn* Pretoria, RSA; 157p. (DSc thesis)

†**Muller**, [Müller, Mueller,] (Dr) Johannes (1861–1920); {Joh. Mull.}; Ger botanist; PhD at Berlin Univ 1893;
Book [1893] *Beitrage zur Anatomie Holziger und Succulenter Compositen* Berlin, Ger; 42p; (thesis).

Muller, [Müller,] Konrad — See **Mueller**, Konrad.

Muller, YMF;
Book [1959] *Bijdrage Tot de Kennis der Alkaloiden van Sedum acre L.* Delft; 72p.

†**Muller Argoviensis**,* [Muller, Müller, Mueller,] (Dr) Johannes [Jean] `(9 May 1828–28 Jan 1896); {Müll.Arg.}; Swiss botanist; PhD at Zurich Univ 1857; curator of Candolle herbarium, Geneva 1851–74 & of Delessert herbarium & dir of bot garden at Geneva 1874~; prof of medical & pharmaceutical botany at Univ of Geneva 1871–89; specialist in lichens;
*due to the number of Müller names active as botanists, CFP von Martius suggested he adopt the epithet "argoviensis" in reference to the canton of his birth Aargau (Argovie);
desc *species*:
(Euphorbia) **heterodoxa** (Bahia) 1874,
(Jatropha) **crinita** (Somalia) 1865,

(Jatropha) **macrantha** (Peru) 1865,
(Phyllanthus) **mirabilis** (Thailand) 1865;
transfer *species*:
"Adenoropium elegans" (JBE Pohl 1826) —> **Jatropha gossypiifolia** var **elegans** 1866,
"Mozinna canescens" (G Bentham 1844) —> **Jatropha canescens** 1866,
"Mozinna cardiophylla" (J Torrey 1859) —> **Jatropha cardiophylla** 1866,
"Mozinna cinerea" (JG Ortega 1799) —> **Jatropha cinerea** 1866;
desc *variety*:
(Jatropha villosa var) **glabra** (Yemen, Somalia, Kenya) 1866 —> **Jatropha pelargoniifolia** var **glabra** by A Radcliffe-Smith 1983.

Muller-Doblies, [Müller-Doblies,] (Prof) (Dr) Dietrich (2 Jul 1938–);
{D.Mull.-Doblies}; Ger botanist; PhD at Free Univ of Berlin 1969; prof of systematic botany & plant geography at Free Univ of Berlin 1965~; collected in RSA 1973–74, 1977 & 1979 w spouse & in Morocco; spouse U Muller-Dobblies;
desc *species*:
(Ornithogalum) **scabrocostatum** [w U Muller-Doblies] (Northern Cape) 1996,
(Strumaria) **hardyana** [w U Muller-Doblies] (Namibia) 1985 (na DS Hardy).

Muller-Doblies, [Müller-Doblies, née Doblies] (Dr) Ute (28 Jan 1938–);
{U.Mull.-Doblies}; Ger botanist; PhD at Free Univ of Berlin 1965; collected in RSA w spouse 1979; spouse D Muller-Doblies;
desc *species*:
(Ornithogalum) **scabrocostatum** [w D Muller-Doblies] (Northern Cape) 1996,
(Strumaria) **hardyana** [w D Muller-Doblies] (Namibia) 1985 (na DS Hardy).

†**Muller-Melchers**, [Müller-Melchers,] FC; Ger to Uruguay;
collected S Amer for Haage nursery in Ger;
***species* nah:**
(Notocactus) **mueller-melchersii** (Rio Grande do Sul) (desc & nah by C Backeberg 1936) —> **Parodia mueller-melchersii** by NP Taylor 1987.

Mulligan, Wm C; US; executive editor of *Good Housekeeping Illustrated Enc of Gardening*; member of CSSA & Indoor light Gardening Soc of Amer;
Book [1975] *C&S, North & South, Indoors & Out* NYC; Eng; 80p.

Mulroy, (Dr) Thomas W; US; PhD at Univ of Calif, Irvine 1976;
Book [1976] *The Adaptive Significance of Epicuticular Waxes in Dudleya (Crassulaceae)* Irvine; 121p; (PhD thesis).

†**Munby**, (Dr med) Giles (May 1813–12 Apr 1876); {Munby}; British botanist & physician; MD at Montpellier Univ; student of AHL de Jussieu in Paris, France; to Algeria 1839; explored in Algeria 1839–61; first spouse Jane [née Welsford] Munby; second spouse Eliza MA [née Buckenridge] Munby;
Book [1847] *Flore de l''Algérie* Paris, France;
disc *species*:
(Boucerosia) **munbyana** (Spain, Algeria) 1839 (desc & nah by J Decaisne 1847) —> **Caralluma munbyana** by NE Brown 1892.

†**Munch**, [née Elske,] Hazel Olga (1912–2001); RSA to Zimbabwe c1918; explored in

Chimanimani Mtns in Zimbabwe & developed large garden w spouse RC Munch;
disc *species*:
(Aloe) **hazeliana** (Mozambique, Zimbabwe) 1945 (desc & nah by GW Reynolds 1959).

†**Munch**, Raymond Charles (1901–Jan 1986); RSA to Zimbabwe 1909; farmer near Rusape, Zimbabwe; had garden of native plants, including Aloes & Cycads; explored in Chimanimani Mtns in Zimbabwe w spouse HO Munch;
disc *species*:
(Aloe) **decurva** (Mozambique) 1949 (desc by GW Reynolds 1957),
(Aloe) **munchii** (Mozambique, Zimbabwe) 1945 (desc & nah by HB Christian 1951).

†**Mund**, Johannes Ludwig **Leopold** (1791–1831); Ger; collected at Cape 1815–50;
***species* nah:**
(Euphorbia) **mundtii** (Western Cape) (desc & nah by NE Brown 1915 & disc by CP Thunberg c1774).

Munns, Barry;
Book [1971] *C&OS* Australia; Eng; 64p w 15 color photos.

Munoz, Melica;
Book [1998] *Plantas Altoandienas en la Flora Silverstre de Chile* [w MK Arroyo, F Liberona, AE Hoffmann & J Watson]; Spanish; 279p w colored plates of plants every other page.

†**Munoz Pizarro**, [Munoz, Muñoz Pizarro,] Carlos (25 Sep 1913–12 May 1976); {Munoz}; Chilean agronomist & botanist; prof at Univ of Chile, Santiago; collected in Chile & US;
Book [1959] *Sinopsis de la Flora Chilena* Santiago, Chile; 840p w 3 color plates; (includes cacti);
desc *species*:
(Tetragonia) **espinosae** (Chile) 1939 (na MR Espinosa).

†**Munting**, [Muntingius,] (Prof) (Dr) Abraham (19 Jun 1626–31 Jan 1683); {Munting}; Dutch botanist & artist w doctorate in medicine; prof of botany & medicine at Gröningen Univ 1658~; superintendent at *Groningen's Paradise* bot garden;
Book [1680] *Aloidarium Sive Aloes Mucronato Folio Americanae Majoris, Aliarumque Ejusdem Speciei Historia, in Qua Floridi Illius Temporis, Loci, Naturae, Culturae, Nec Non Qualitatum Ratio Paucis Enarratur* Amsterdam, Netherlands; 33p w 8 leaves of plates,
[1682] *Waare Deffening der Planten* Amsterdam.

†**Munz**, (Prof) (Dr) **Philip** Alexander (1 Apr 1892–10 Apr 1974); {Munz}; US botanist; PhD at Cornell Univ 1917; prof of botany at Pomona College 1917–44 & created a herbarium & at Cornell Univ 1944–46; dir of Rancho Santa Ana Bot Garden, Claremont, Calif 1946~; between 1919 & 1974 wrote 128 scientific papers & 7 books; CSSA Fellow award 1950; spouse Alice [née McCully] Munz, librarian;
Book [1935] *A Manual of Southern Calif Botany* Claremont, Calif; Eng; 642p,
[1959] *A Calif Flora*; Eng; 1681p; (+ a *Supplement* later; 224p),
[1962] *Calif Desert Wildflowers* Berkeley, Calif; Eng; 122p,
[1974] *A Flora of Southern Calif* Berkeley; Eng; 1,086p;
***species* nah:**
(Opuntia) **munzii** (Calif, Baja Calif) (desc & nah by CB Wolf 1938 & disc by CB Wolf 1931) —> **Cylindropuntia munzii** by C Backeberg 1966;
transfer *species*:
"Lewisia minor" (PA Rydberg 1932) —> **Lewisia rediviva** var **minor** 1935,
"Oreobroma heckneri" (CV Morton 1931) —> **Lewisia cotyledon** var **heckneri** 1957.

†**Murie**, (Dr med) James (1832–1925); British physician, pathologist & naturalist; MD at Glasgow Univ 1857; explored in central Africa 1861–63; assistant secretary & librarian of Linnean Soc 1872–88;
disc *species*:
(Sansevieria) **nilotica** (Central African Rep, Ethiopia, Sudan, Uganda) (desc by JG Baker 1875).

Murray, Joan;
disc *species*:
(Brachystelma) **minor** (Limpopo) 1947 (desc by EA Bruce 1951).

†**Murray**, (Prof) (Dr med) Johan Andreas (27 Jan 1740–22 May 1791); {Murray};
Swedish physician & botanist; MD at Göttingen, Ger 1763, prof of medicine & botany 1764~ &
dir of bot garden 1769~ in Göttingen; corresponded w C Linnaeus;
spouse Eleonora Margaretha [née Conradi] Murray (1749–1827);
desc *genus*:
Lachenalia (RSA) 1784 (na W de Lachenal).

Murray, John A;
Book [1985] *Succi Aloes mari Initia (Programma Academicum)* Gottingen; 24p,
[1996] *Cactus Country (An Illustrated Guide)* Boulder, Colorado; 147p.

Murray, Mungo David Malcolm — See **Mansfield**, The Earl of.

Murray, Peter (29 Sep 1952–); US;
Book [1996] *Cactus*; Eng; 30p; (juvenile).

†**Murray**, (Revd) Richard Paget (26 Dec 1842–29 Oct 1908); {R.P.Murray}; British clergyman & botanist; collected in Ireland, Portugal & Canary Islands; first spouse Emily [née Weber-Smith] Murray (–1877); second spouse Ada Constance [née Woodhouse] Murray;
desc *species*:
(Sedum) **lancerottense** (Canary Islands) 1899,
(Sempervivum) **hierrense** (Canary Islands) 1899 —> **Aeonium hierrense** by CJM Pitard & LA Proust 1909,
(Sempervivum) **percarneum** (Canary Islands) 1899 —> **Aeonium percarneum** by CJM Pitard & LA Proust 1909.

Murray Prisant, Guillermo;
Book [1997] *El Poder Curativo Del Nopal* Mex; 160p.

†**Murrill**, (Dr) Wm Alphonso (13 Oct 1869–25 Dec 1957); {Murrill};
US mycologist, taxonomist & writer; PhD at Cornell Univ 1900;
worked w NL Britton at NY Bot Garden 1904–24; worked w George Weber (plant pathologist) &
Erdman West (curator of herbarium) at Univ of Florida, Gainesville 1926~;
collected in N & S Amer, Mex & Caribbean; specialist on fleshy fungi; spouse Edna Lee [née Lutrell] Murrill;
disc *species*:
(Selenicereus) **murrillii** (Colima) 1910 (desc & nah by NL Britton & JN Rose 1920).

†**Muschler**, Reihold [Reno] Conrad (1883–1957); {Muschl.}; Ger botanist at Bot Museum, Berlin; collected in Egypt;
desc *species*:
(Corallocarpus) **tenuissimus** [w L Buscalioni] (Zimbabwe) 1913.

†**Musmarra**, A [?Alfio?];
Book [1937] *L'Opuntia (Il Fico D'India)* Torino; 122p.

Mussel, Hermann;
Book [1977] Sempervivum *und Jovibarba, Versuch einer Systematischen Darstellung* Freising, Ger; Ger; 20p.

Mustard, Matthew;
Book [2004] *CITES & Succulents: An Introduction to Succ Plants covered by the Convetntion on the International Trade in Endangered Species* [w M Groves, HN McGough, C Brodie & M Sajeva] Kew; Eng; 49p.

Mwachala, Geoffrey;
Book [2007] *Flora of Tropical East Africa: Dracaenaceae* [w PK Mbugua] Kew, Richmond, Surrey, UK; Eng; 43p.

†**Myerhoff**, (Prof) (Dr) Barbara G (16 Feb 1935–7 Jan 1985); US anthropologist;
PhD in anthropology at Unif of Calif, Los Angeles 1968 & prof there 1967~;
Book [1972] *El Peyote y Los Huicholes* [w O Klineberg, PT Furst & S Nahmad Sitton] Mex City, Mex; Spanish; 196p,
[1974] *Peyote Hunt (The Sacred Journey of the Huichol Indians)* Ithaca, NY; Eng; 285p.

Mysak, [Myšák,] Vojtěc (3 May 1973–); Czech horticulturist; explored in Chile & Mex 1993 & in Mex 2008;
Book [2005] *Genus LOPHOPHORA Coulter — Kaktusy Special 2* [w J Bohata & J Snicer]; Eng; 48p w 89 color photos;
desc *species*:
(Turbinicarpus) **graminispinus** [w Z Jiruse & GF Matuszewski] (Nuevo Leon) 2011 (disc by V Mysak & Z Jiruse 2008).

N

Nabhan, (Dr) Gary Paul (1952–); {Nabhan}; US agriculture ecologist, conservation biologist & ethnobotanist; PhD in Arid Lands Resource Sciences, Univ of Arizona 1983; dir of science at Arizona-Sonora Desert Museum, Tucson; first dir of center for sustainable environments at Northern Arizona Univ, Flagstaff, Arizona; IOS member 1988; spouse Patricia [Patty] Nabhan;
Book [1986] *Saguaro (A View of Saguaro Natl Monument & the Tucson Basin)* Tucson, Arizona; Eng; 74p w 30 color photos,
[1986] *Gathering the Desert* Tucson, Arizona; Eng; 209p.
[1992] *Vascular Plants of a Desert Oasis: Flora & Ethnobotany of Quitobaquito, Organ Pipe Cactus Natl Monument, Arizona* [w PL Warren, LS Anderson & RS Felger]; Eng; 39p.

Nagel, Robert [Rob] (17 Sep 1956–); Gauteng, RSA;
BAc in accounting at Stellenbosch, RSA; specialist in Stapeliads;
desc *species*:
(Tavaresia) **thompsoniorum** [w EJ van Jaarsveld] (Angola) 1999.

Nahmad Sitton, [Nahmad Sittón, Sittone,] Solomón;
Book [1972] *El Peyote y Los Huicholes* [w O Klineberg, PT Furst & BG Myeroff] Mex City, Mex; Spanish; 196p.

Nair, N Chandrasekharan (1927–); {N.C.Nair}; Indian botanist; collected in Iran & India;
transfer *species*:
"Trianthema govindia" (G Don 1834) —> Zaleya govindia 1966.

Nair, R Vasudevan; Indian botanist & consultant of Coimbatore Aryavaidya Pharmacy; was a prof at dept of batany of Government Victoria College, India;
Book [1997] *Taxonomy of Angiosperms* New Delhi, India; 403p w 140 plates; includes succ.

Nakai, Kei Mark (1 Oct 1954–); {K.M.Nakai}; US; pres of Hawthorne Nursery;
desc *species*:
(Dudleya) **verityi** (Calif) 1983 (disc by RV Moran 1944 & na DS Verity);
transfer *species*:
"Dudleya pumila" (JN Rose 1903) —> **Dudleya cymosa** ssp **pumila** 1988;
desc *subsp*:
(Dudleya abramsii ssp) **affinis** (Calif) 1988,
(Dudleya cymosa ssp) **crebrifolia** [w DS Verity] (Calif) 1988;
transfer *variety*:
"Cotyledon caespitosa var paniculata" (WL Jepson 1901) —> **Dudleya cymosa** ssp **paniculata** 1988.

†**Nakai**, (Prof) (Dr) Takenoshin [Takenosin] (27 Nov 1882–6 Dec 1952); {Nakai}; Japanese botanist; PhD at Tokyo Univ 1907; worked at Tokyo Univ 1908–27 & as prof of botany 1927–43; dir of Bogor Bot Garden in Java 1943–45; dir of Natl Science Museum 1947~; authority on Korean flora;
desc *genus*:
Meterostachys (Japan, Korea, China) 1935;
desc *species*:
(Rhodiola) **angusta** (USSR, China, Korea) 1914,
(Sedum) **takesimense** (Tok & Ullu Islands of Korea) 1919 —> **Phedimus takesmensis** by H 't Hart 1995,
(Sedum) **viridescens** (Korea) 1914 (disc by PEJ Taquet 1910) — > **Hypagophytum viridescens** by H Ohba 1977,
(Sedum) **zokuriense** (Korea) 1939 —> **Phedimus zokuriensis** by H 't Hart 1995;
transfer *species*:
"Cotyledon sikokiana" (T Makino 1891) —> **Meterostachys sikokiana** by 1935.

Nakanishi, Yasuo (c1930–); Japanese horticulturist;
Book [1986] *Color Books. Succ* Oasaka, Japan; Japanese; 151p w 61 color photos,

[1991] *C&OS Catalogue* Tokyo, Japan; Japanese; 160p.

Nanxe, Aline de;
Book [1985] *Kakteen* [w M Vautier] Dortmund; Ger; 136p.

Nascimento, Alex Brago; Bahia, Brazil;
***species* nah:**
(Melocactus) **alex-bragai** (Bahia) (desc by JP Braun & E Esteves Pereira 2008 & disc by L Horst & AFH Buining 1960s).

†**Nash**, George Valentine (6 May 1864–15 Jul 1921); {Nash};
US botanist, gardener & horticulturist; at NY Bot Garden as collector 1896, curator 1899 & head gardener 1900~; collected in Florida & West Indies;
Book [1903] *A Revision of the Family Fouqueriaceae*; Eng; 11p;
***species* nah:**
(Agave) **nashii** (Bahamas) (desc & nah by WA Trelease 1913);
disc *species*:
(Opuntia) **taylori** [w N Taylor] (Haiti) 1905 (desc by NL Britton & JN Rose 1908 & na N Taylor);
desc *species*:
(Fouquieria) **campanulata** (Durango) 1903 —> **Fouquieria splendens** ssp **campanulata** by JS Henrickson 1972,
(Fouquieria) **macdougalii** (Sonora, Sinaloa) 1903 (na DT MacDougal);
transfer *species*:
"Cantua fasciculata" (JJ Roemer & JA Schultes 1819) —> **Fouquieria fasciculata** 1903.

Nasir, Yasin J;
Book [1973] *Aizoaceae (Vol 41of Flora of Pakistan)* Islamabad, Pakistan.

National Audubon Soc;
Book [1957] *Cactus* US; Eng; 63p.

National Bot Gardens of India;
Book [1959] *Sansevieria* Lucknow, India; Eng; 23p + 6 plates.

National Bot Gardens of South Africa; Kirstenbosch, RSA;
Book [1980] *Wild Flowers of S Africa* Capetown, RSA; 128p w 406 color plates.

†**Naudin**, (Dr) Charles Victor (14 Aug 1815–19 Mar 1899); {Naudin}; French botanist; DSc in Paris 1842; worked in herbarium at Museum d'Histoire Naturelle 1848–69; dir of state-run experimental garden, Villa Thuret, near Antibes, France 1878~; worked on plant hybridization; collected in Algeria 1847 & 1852;

desc *species*:
(Rhynchocarpa) **hirtella** (Africa) 1862 —> **Kedrostis hirtella** by CA Cogniaux 1881,
(Rhynchocarpa) **schimperi** (Saudi Arabia, Iran, Pakistan, India, Egypt, Ethiopia, Sudan, Somalia, Kenya, Yemen) 1862 (na GW Schimper) —> **Crassula schimperi** by JD Hooker 1871,
(Rhynchocarpa) **welwitschii** (RSA, Namibia, Angola, Zaire) 1862 (na FMJ Welwitsch) —> **Corallocarpus welwitschii** by JD Hooker 1867.

†**Naumann**, (Dr med) Friedrich Carl (1841–1902); Ger physician & botanist;
MD at Univ of Berlin & Heidelberg 1865; on Georg von Schleinitz's *Gazelle* voyage around world with stops in Africa, Mauritius, Australia, New Zealand, East Indies & S Amer on *SMS Gazelle* 1874–76;
disc *species*:
(Myrmedoma) **naumannii** (Irian Jaya) (desc by O Warburg 1894) —> **Myrmephytum naumannii** by CR Huxley & MHP Jebb 1991.

Nava Cedillo, Alejandro [Alexander]; Mex;
Book [1998] *Nopal – riqueza Agroecologica de Mex* [w E Rodriguez Salazar] Mex City; 160p.

Navarro, Gina [Georgina?] A?;
disc *species*:
(Ferocactus macrodiscus var) **septentrionalis** (Guanajuato, Queretaro) 1986 (desc by J Meyran 1987) —> **Ferocactus macrodiscus** ssp **septentrionalis** by NP Taylor 1998.

Navarro, [Navarro Sánchez] (Dr) Gonzalo (1955–); {G.Navarro}; Spanish botanist;
prof at Universidad Complutense, Madrid, Spain; collected in Bolivia 1990–95;
transfer *species*:
"Echinopsis rossii" (F Boedeker 1933) —> **Echinopsis pugionacantha** ssp **rossii** 1996,
"Pilocereus pasacanus" (KT Rumpler 1886) —> **Echinopsis atacamensis** ssp **pasacana** 1996,
"Sulcorebutia cardenasiana" (R Vasquez 1975) —> **Rebutia cardenasiana** 1996.

Nayar, Madhavan Parameswarau (1932–); {M.P.Nayar};
India economic botanist & phytogeographer;
desc *species*:
(Jatropha) **maheshwarii** [w K Subramanyam] (India) 1965 (na P Maheshwari).

†**Neale**, Walter T; {W.T.Neale}; British nurseryman & publisher;
established succ plant nursery *WT Neale & Co*, taken over by E Lamb in 1935;
Book [1935] *C&OS* London, Eng; Eng; 200p w 160 halftone illustrations,
[1948] *Neale's Pictorial Booklet of C&OS* Worthing, Eng; Eng; 48p; (edited by E Lamb).

†**Necker**, (Dr med) Noël [Natalis] Martin Joseph [Josephi] de
(25 Dec 1729–30 Dec 1793); {Neck.}; Belgian physician, mycologist & botanist;
physician of electors of Palatinate of the court in Mannheim; interested in mosses;

desc *genera*:
Hertia (Algier, Tunis) 1790,
Pedilanthus (West Indies, Mex, Calif) 1790.

†**Neduchal**, Jozka (1932–24 Oct 2010); {Neduchal};
Ger system analyst & horticulturist; specialized in Notocactus 1978~;
Book [1978–81] *Notocactus* [w J Theunissen] Neu-Isenburg; Ger; 205p; (in 4 Parts);
Part 1, 16p; Part 3, 60p,
[1995] *Notokakteen (Gesamtdarstellung aller Notokakteen)* [w N Gerloff & S Stuchlik] Ludwigsburg, Ger; 208p w 24p color plates.

†**Nees von Esenbeck**, (Dr med) Christian Gottfried Daniel
(14 Feb 1776–16 Mar 1858); {Nees}; Ger naturalist, physician & botanist;
MD at Giessen, Ger 1800; member & pres of Leopoldina Academy 1818~; prof of botany in Erlangen, Bonn & Breslau, Ger 1818–51; artist; had over 80,000 herbarium sheets;
Book [1841] *Florae Africae Australioris – Illustrationes Monographicae*; 490p;
desc *genus*:
Sinningia (Mex to Argentina) 1825 (na W Sinning);
desc *species*:
(Chorisia) **ventricosa** [w CFP von Martius] (Argentina) 1823,
(Talinum) **nanum** (S Australia, Victoria) 1824 —> **Parakeelya nanum** by MA Hershkovitz 1999,
(Tillaea) **colorata** (Western Australia) 1844 —> **Crassula colorata** by CEH Ostenfeld 1918;
desc *variety*:
(Calandrinia polypetala var) **composita** (Western Australia) 1845 —> **Parakeelya composita** by MA Hershkovitz 1999.

†**Neese**, Elizabeth [Betty] Chase (30 Nov 1934–10 Aug 2008); {Neese}; US; collected in Utah 1975;
desc *variety*:
(Yucca harrimaniae var) **sterilis** (Utah) 1986.

Neethling, Marie Murray — See **Vogts**, Marie Murray.

Nefzaoui, (Dr) Ali; Tunisia;
Book [2002] *Proceedings of the Fourth International Congress on Cactus Pear and Cochineal* [w P Inglese] Belgium; Eng; 356p.

Negrete, Martin;
disc *species*:
(Echeveria) **chazaroi** [w MW Kimnach & M Chazaro] (Oaxaca) 1993
(desc by MW Kimnach 1995 & na M Chazaro).

†**Negri**, [Denegri,] Ramon P de; Mex Minister & Secretary of Agriculture 1920s; ambassador to various countries;
species **nah:**
(Obregonia) **denegrii** (Tamaulipas) (desc & nah by AV Fric 1925 & disc by AV Fric & M Castaneda 1923).

Nehring, Edward;
Book [1931] *Kaktusy w Mieszkaniu*; Warsaw, Poland; Polish; 56p.

Nehrling, Arno & Irene;
Book [1968] *Easy Gardening with Drought-Resistant Plants* NYC; Eng; 320p;
(c&s included in Chapter 7).

†**Neil**, Cornelius Bernardus van (4 Nov 1897–10 Mar 1985); {Neil}; RSA dairy farmer; nurseryman (w J Hurling) at Highlands Rockeries Nursery, Western Cape, Bonnie Vale, RSA;
species **nah:**
(Glottiphyllum) **neilii** (Western Cape) (desc & nah by NE Brown 1928),
(Ruschia) **neilii** (Western Cape) (desc & nah by HML Bolus 1934) —> **Stayneria neilii** by HML Bolus 1967.

†**Nel**, (Prof) (Dr) **Gert** Cornelius (6 Apr 1885–16 Feb 1950); {Nel};
RSA botanist; PhD (student of HGA Engler) at Berlin Univ 1914; first prof of botany & founded Bot Garden at Univ of Stellenbosch, RSA 1921~; student of succ of RSA; researcher on Aizoaceae, especially Lithops & Gibbaeum; explored & collected in Namibia, Portuguese East Africa, Mozambique, Transvaal, & Botswana 1935;
Book [1946] *Lithops – Plantae Succulentae, Rarissimae, in Terra Obscuratae, e Familia Aizoaceae, ex Africa Australi* Stellenbosch, RSA; Eng/Afrikaans; 178p w 57 color plates,
[1953] *The Gibbaeum Handbook* London, Eng; Eng; 117p (edited by PG Jordaan & EW Shurly after GC Nel's death);
genus **nah:**
Nelia (Little Namaq) (desc & nah by MHG Schwantes 1928 & disc by LG Meyer);
species **nah:**
(Chasmatophyllum) **nelii** (Eastern Cape) (desc & nah by MHG Schwantes 1928),
(Cheiridopsis) **nelii** (Cape) (desc & nah by MHG Schwantes 1928),
(Conophytum) **nelianum** (Little Namaq) (desc & nah by MHG Schwantes 1928),
(Delosperma) **nelii** (Basutoland) (desc & nah by HML Bolus 1958),
(Gasteria) **neliana** (Cape) (desc & nah by JKL von Poellnitz 1929),
(Gibbaeum) **nelii** (desc & nah by HJ Jacobsen 1933),
(Glottiphyllum) **nelii** (Eastern Cape, Western Cape) (desc & nah by MHG Schwantes 1928),
(Hereroa) **nelii** (Western Cape) (desc & nah by MHG Schwantes 1929),
(Lampranthus) **nelii** (Western Cape) (desc & nah by HML Bolus 1965),
(Pleiospilos) **nelii** (Eastern Cape, Western Cape) (desc & nah by MHG Schwantes 1930),
(Rhombophyllum) **nelii** (desc & nah by MHG Schwantes),

(Ruschia) **nelii** (RSA) (desc & nah by MHG Schwantes 1930),
(Stapelia) **neliana** (Little Namaq) (desc & nah by AC White & BL Sloane 1937 & disc by AGJ Herre 1930);
desc *species*:
(Caralluma) **peschii** (Namibia) 1935 (disc by CPP Pesch 1933 & nah) —> **Australluma peschii** by DCH Plowes 1995,
(Caralluma) **undausensis** (Cape, Little Namaq) 1936 (disc by AGJ Herre 1929),
(Echidnopsis) **serpentina** (Cape) 1937 (disc by AGJ Herre 1931),
(Euphorbia) **confluens** (Richtersveld) 1933 (disc by AGJ Herre 1929),
(Euphorbia) **hopetownensis** (Northern Cape) 1933,
(Euphorbia) **jansenvillensis** (Eastern Cape) 1935 (disc by JA van Zyl le Roux 1932),
(Euphorbia) **melanohydrata** (Namaq) 1935 (disc by AGJ Herre 1930),
(Euphorbia) **quadrata** (Namaq) 1935 (disc by H Herre 1930),
(Euphorbia) **superans** (Eastern Cape) 1950,
(Hoodia) **gibbosa** (Namibia) 1937 (disc by G Boss 1935),
(Hoodia) **husabensis** (Namibia) 1937 (disc by G Boss 1935),
(Hoodia) **montana** (Namibia) 1937 (disc by him 1935),
(Huernia) **whitesloaneana** (Limpopo) 1936 (disc by him 1935 na AC White & BL Sloane),
(Huerniopsis) **papillata** (British Bechuanaland) 1937 (disc by him 1935),
(Lithops) **dendritica** (Namibia) 1946 (disc by M Otzen c1945) —> **Lithops pseudotruncatella** ssp **dendritica** by DT Cole 1988,
(Lithops) **dorotheae** (Little Namaq) 1939 (disc by AH Eksteen 1935 & na Dorothea C van Huyssteen),
(Lithops) **geyeri** (Little Namaq) 1943 (disc by AGJ Herre 1939 & na AL Geyer),
(Lithops) **otzeniana** (Northern Cape) 1937 (disc by him c1936 & na M Otzen),
(Lithops) **verruculosa** (Northern Cape) 1943 (disc by ? Van der Westhuizen 1939),
(Lithops) **weberi** (Northern Cape) 1940 (disc by him 1939 & na ? Weber) —> **Lithops comptonii** var **weberi** by DT Cole 1973,
(Piaranthus) **ruschii** (Namibia) 1937 (disc by EJ Rusch & nah),
(Stapelia) **herrei** (Northern Cape) 1933 (disc by AGJ Herre 1930 & nah) —> **Tromotriche herrei** by PV Bruyns 1995,
(Stapelia) **marientalensis** (Namibia, Botswana, Northern Cape) 1935 (disc by S Berger 1933) —> **Tridentea marientalensis** by LC Leach 1978,
(Stapelia) **rubiginosa** (Northern Cape) 1935 (disc by AGJ Herre 1929),
(Trichocaulon) **columnare** (Northern Cape) 1933 (disc by AGJ Herre 1929) —> **Notechidnopsis columnaris** by JJ Lavranos &MC Bellerue-Bleck 1985,
(Trichocaulon) **triebneri** (Namibia) 1935 (disc by W Triebner 1933 & nah) —> **Hoodia triebneri** by PV Bruyns 1993;
desc *variety*:
(Stapelia pillansii var) **fontinalis** (Western Cape) 1937.

Nel, Philip; RSA;
disc *species*:

(Aloe) **kamnelii** [w EJ van Jaarsveld & MW Kamstra] (Western Cape) (desc by EJ van Jaarsveld 2009 & na MW Kamstra & P Nel);

desc *species*:

(Aloe) **condyae** [w EJ van Jaarsveld] (Mpumalanga) 2012 (na GS Condy).

†**Nelson**, Carl [Charles] Zachary (17 Apr 1870–19 Jun 1939);
Sweden to US 1872; painter-decorator & horticulturist; studied horticulture in Denver, Colorado 1889–93; cactus grower in Galesburg, Illinois; pres of Amer Horticultural Soc;
spouse Emily [nee Linstrom] Nelson (–11 Apr 1967);

***species* nah:**

(Cereus) **nelsonii** (Oaxaca) (desc & nah by W Weingart 1923) —> **Selenicereus nelsonii** by NL Britton & JN Rose 1923.

†**Nelson**, David (1740–20 Jul 1789); British botanist & gardener at Kew;
botanist on James Cook's HMS *Discovery* expedition of 1776–80; botanist on Wm Bligh's 3rd voyage on HSM *Bounty* expedition of 1787–90; collected in RSA 1776 & 1788;

***species* nah:**

(Albuca) **nelsonii** (Eastern Cape, Natal) (desc & nah by NE Brown 1880).

†**Nelson**, (Dr hc) Edward Wm (8 May 1855–19 May 1934); {E.W.Nelson}; US naturalist & ethnologist; surveyor for USDA 1890–1929; collected w EA Goldman in Mex & Guatemala 1892–1906; honorary doctorate at George Washington Univ 1920;

***species* nah:**

(Agave) **neonelsonii** (Durango) (desc & nah by J Thiede & U Eggli 1999);

disc *species*:

(Agave) **goldmaniana** [w EA Goldman] (Baja Calif) c1894 (desc by WA Trelease 1912 & na EA Goldman),

(Agave) **nelsonii** [w EA Goldman] (Baja Calif) (desc & na EW Nelson by WA Trelease 1912) —> **Agave cerulata** ssp **nelsonii** by HS Gentry 1978,

(Cereus) **cinnabarinus** (Guatemala) 1896 (desc by W Weingart 1910) —> **Disocactus speciosus** ssp **cinnabarinus** by R Bauer 2003,

(Epiphyllum) **nelsonii** (Chiapas, Guatemala, Honduras) 1896 (desc & nah by NL Britton & JN Rose 1913) —> **Disocactus nelsonii** by KHL Lindinger 1942,

(Nyctocereus) **oaxacensis** (Oaxaca) 1895 (desc by NL Britton & JN Rose 1920) —> **Peniocereus oaxacensis** by DR Hunt 1991,

(Villadia) **nelsonii** [w EA Goldman] (Guerrero, Oaxaca) 1894 (desc by JN Rose 1903 & na EW Nelson).

Nelson, **Sharon** & Richard [**Dick**]; US;
Book [1973] *An Easy Field Guide to Common Desert Cactus of Arizona* Tucson, Arizona; Eng; 32p.

Nemes, (Dr) Lajos; IOS member 1978;

Book [1981] *Kaktuzok* [w Szabo] Budapest, Hungary; Hungarian; 293p + 16 plates.

†**Nery**, [Néri,] Silvério José (8 Oct 1858–23 Jun 1934); Brazilian soldier & politician; federal deputy from 1897-89; governor of state of Amazonas 1900–03; senator 1904-30;
***species* nah:**
(Melocactus) **neryi** (Brazil, Suriname, Venezuela) (desc & nah by KM Schumann 1901).

†**Nesemann**, (Mr) A; collected near Robertson, RSA;
disc *species*:
(Euphorbia) **nesemannii** (Western Cape) 1930 (desc & nah by RA Dyer 1934).

Nesom, (Prof) (Dr) Guy Lane (2 Aug 1945–); {G.L.Nesom}; US sociologist;
PhD in sociology at Memphis State Univ, Tennessee; prof at Univ of N Carolina, Chapel Hill; collected in Mex; first spouse Marjorie [née Green] Nesom; second spouse Julia Pray Wells;
desc *species*:
(Sedum) **catorce** (San Luis Potosi) 1996,
(Sedum) **dulcinomen** (Nuevo Leon) 1996,
(Sedum) **macdonaldii** (Nuevo Leon, Coahuila) 1996 (na JA McDonald),
(Sedum) **papillicaulum** (Nuevo Leon) 1996,
(Sedum) **tamaulipense** (Tamaulipas) 1988;
transfer *subsp*
"Sedum parvum ssp diminutum (RT Clausen 1979) —> **Sedum diminutum** 1996.

Ness, Martha van; US horticulturist;
Book [1971] *C&S Indoors & Outdoors* NYC; Eng; 112p.

Nessmann, Jean-Daniel; French horticulturist;
Book [1990] *Réussir Plantes Grasses et Cactus* = "To Make a Success of Fatty Plants & Cactus" Colmar, France; French; 156p w 379 color photos.

†**Neubert**, Wilhelm;
Book [1839] *Die Modepflanzen Unserer Zeit (Camellia & Cactus)* Tubingen, Ger; 111p.

Neuhuber, **Gert** Josef Albert (23 Jun 1939–); {Neuhuber};
Austrian cactus collector; specialist on Gymnocalycium; co-founder & pres of *Austrian Arbeitsgruppe Gymnocalycium* & editor 1991~;
disc *species*:
(Gymnocalycium) **neuhuberi** (San Luis) 1988 (desc & nah by JA Till & W Till 1992);
desc *species*:
(Gymnocalycium) **berchtii** (San Luis) 1997 (disc by CAL Bercht 1989 & nah).
desc *subsp*:
(Gymnocalycium andreae ssp) **carolinensis** (San Luis) 1994 (disc by him 1988) —>

Gymnocalycium carolinense by GJA Neuhuber 2005.

†**Neumann**, Daniel [**Dan**] (1916–1993); US; interested in succ plant bibliography; IOS member 1991;
Book [1964] *A Catalogue of the C&OS Plant Literature in the Neumann Library* San Francisco, Calif; only 6 copies printed; annual supplements produced 1965~ as *Addenda to the Catalogue.*

Neumann, Klaus; Ger cactus grower; editor of *Kaktusblüte*;
Book [1998] *Die longiseti-Komplex der Gattung Echinocereus* [w E Scherer & GRW Frank] Ruderting; Ger; 66p w 40 color photos.

Neumann, Michael; Ger horticulturist; employed at Bonn botanic garden; interested in bulb plants; explored in Kenya 1999; spouse Jutta Neumann;
***species* nah:**
(Aloe) **springatei-neumannii** (Kenya) (desc & nah & L Springate by LE Newton 2011 & disc by L Springate 1999).

†**Neumann**, Oscar Rudolph (3 Sep 1867–17 May 1946); Ger ornithologist & geographer on Baron Carlo von Erlanger (5 Sep 1872–4 Sep 1904) expedition to Somalia & Ethiopia 1900–01; employed at Walter Rothschild Zoological Museum, Tring, Herfordshire, UK 1908-1941; to US 1941; curator at Field Museum of Natural History, Chicago, US 1941~;
***species* nah:**
(Kalanchoe) **neumannii** (Ethiopia) (desc & nah by HGA Engler1907) —> **Kalanchoe petitiana** var **neumannii** by G Cufodontis 1965.

Nevarez, [Nevarez de los Reyes,] Manuel (1966–); {Nevarez}; Mex biologist & herpetologist; graduate at Universidad Autónoma de Nuevo León;
desc *genus*:
Digitostigma [w CG Velazco] (Nuevo Leon) 2002 (disc by M Nevarez 2001);
desc *species*:
(Digitostigma) **caput-medusae** [w CG Velazco] (Nuevo Leon) 2002 (disc by M Nevarez 2001) —> **Astrophytum caput-medusae** by DR Hunt 2003.

†**Neves-Armond**, (Dr) Amaro Ferreira das (1854–1944); {Neves}; Brazil; dir of Brazilian Natl Museum 1892–93;
***species* nah:**
(Rhipsalis) **neves-armondii** (Brazil) (desc & nah by KM Schumann 1890).

Nevins, Rex;
Book [1969] *Desert Plants for Desert Gardens* [w P Moorten] Palm Springs, Calif; Eng; 113p.

†**Nevius**, (Revd) Reuben Denton (26 Nov 1827–14 Dec 1913);
US clergyman & botanist; established churches in Oregon, Washington & Idaho and collected in these states; spouse Margaret Mercer [née Tuomey] Nevius;
disc *species*:
(Sedum) **nevii** (Tennessee, Alabama) 1857 (desc & nah by A Gray 1858).

New, **Jimmy**; US; editor of bulletin Cactus Points;
Book [1958] *Cactus Scrapbook* Terre Haute, Indiana; Eng; 24p.

New Mexico Native Plants Protection Advisory Committee;
Book [1984] *A Handbook of Rare & Endemic Plants of New Mex* Albuquerque, New Mex; Eng; 291p w 44p on cacti.

†**Newberne**, Robert EL;
Book [1923] *Peyote (An Abridged Compilation From the Files of the Bureau of Indian Affairs* [w CH Burke] Chilocco; 45p.

Newland, Kent C; US; IOS member 1980;
Book [1977] *A Taxonomic & Generic Recognition of the Cactaceae* Superior, Arizona; Eng; 60p w 73 line drawings,
[1977] *A Taxonomic & Generic Recognition of the Cactaceae Part II* Superior; Eng; 23p w 34 line drawings.

Newman, Mark Fleming (1959–); {M.F.Newman}; Eng; collected in Angola, Indonesia, Argentina, Brazil, Venezuela, Mex, US);
desc *species*:
(Trianthema) **hecatandra** [w RC Wingfield] (Venezuela) 1994.

Newton, David J; natl representative for Trade Records Analysis of Flora & Fauna in Commerce, RSA;
Book [1996] *S Africa's Aloe Ferox: Plant, Parts & Derivatives Industry* [w H Vaughan] Johannesburg, RSA; Eng; 61p,
[1998] *S Africa's Trade in Southern African Succ Plants* [w J Chan] Johannesburg; 162p.

†**Newton**, (Dr med) John (1639–1718); British physician & botanist;
Book [1752] *A Complete Herbal* London, Eng; Eng; pub by son; (1805 edition revised by JD Dewick).

Newton, (Prof) (Dr) Leonard [**Len**] Eric (26 Sep 1936–); {L.E.Newton}; British botanist, taxonomist, succ specialist & historian; interested in ecology & bibliography w large private library; BSc at Univ of Wales 1959; MSc at Univ of London 1965; editor of first 3 issues of CSSGB Journal in 1966; to Ghana 1966; lecturer & prof in botany at

Kumasi Univ, Ghana 1966–84; PhD w thesis on 'Biosystematics of Aloes of West Tropical Africa' at Univ of Ghana 1974; to Kenya 1985; prof & chairman of dept of botany at Kenyatta Univ, Nairobi, Kenya 1985–2013 & Prof Emeritus 2013~; member of NCSS & BCSS 1952~; member of CSSGB 1952 & editor of its journal 3 issues 1966; member of CSSA 1956~ & Life Member 1963; IOS member 1963 & pres 2007–2 Jul 2012; life member of IAPT 1962~; founder & editor of *Essex Succ Review* 1963–66; assistant editor of *Repertorium Plantarum Succulentarum* 1962–84; joint editor of *Ballya* 1993–96 & sole editor 1996–98; founding member of Succulenta East Africa & its chairman & newsletter editor; honorary VP of Aloe, Cactus & Succ Soc of Zimbabwe; explored in West Tropical Africa, East Africa, RSA, Namibia, Tanzania, Djibouti & Yemen at times w various succ personalities 1966~; desc & pub new taxa in various journals; prolific writer; FLS 1966 & Life Member 1969; CSSA Fellow award 1995; SSSA Allen Dyer award 1996; Monaco Cactus d'Or award 2008; CSSA MKLA award 2015;

Book [1974] *Taxonomic Studies on the West African Species of Aloe (Liliaceae)* Eng; Eng; 192p; (PhD thesis),

[1987] *Succ Plants in Print (The Story of a Private Library, w a Catalogue of Books, Pamphlets & Serial Publications)* Dagenham, Eng; Eng; 142p,

[1999] *Peter Bally & His Succ Plant Legacy* Nairobi, Kenya; Eng; 30p,

[2001] *Len Newton's Millennium Index – A subject index to Newtonian publications during the recently ended millennium* Nairobi; Eng; 21p,

[2001] *CITES Aloe & Pachypodium Checklist* Kew; Eng; 160p; (Aloe by LE Newton & Pachypodium by GD Rowley & edited by U Eggli),

[2003] *Taxonomy Without (too many) Tears* Nairobi; Eng; 27p,

[2003] *A Check-list of Kenyan Succulent Plants* Nairobi; Eng; 40p,

[2004] *The History of Succ Plants in Kenya* Nairobi, Kenya; Eng; 32p,

[2004] *Etymological Dictionary of Succ Plant Names* [w U Eggli] Heidelberg, Ger; Eng; 266p,

[2005] *The Pollination of East African Succulent Plants* Nairobi, Kenya; Eng; 24p w 8 color photos,

[2009] *An ABC for Succulent Plant Enthusiasts* Nairobi, Kenya; Eng; 63p,

[2011] *Uses of succulent plants in East Africa* Nairobi, Kenya; Eng; 18p,

[2011] *Aloes: The Definitive Guide* [w S Carter, CC Walker, JJ Lavranos] Kew, Eng; Eng; 719p,

[2018] *Conservation of Kenyan Succulent Plants* Nairobi, Kenya; Eng; 40p w 75 color photos;

species **nah:**

(Aloe) **newtonii** (Mada) (desc & nah by J-B Castillon 2009),

(Cynanchum) **lenewtonii** (Ethiopia, Kenya) (desc & nah by SL Liede 1994) —> **Cynanchum gerrardii** ssp **lenewtonii** by DJ Goyder 2009,

(Euphorbia) **amicorum** (Djibouti) 2001 (nah & JJ Lavranos as amici (Latin, friends), desc by S Carter 2001 & disc by FA de la Rue 1937/38),

(Huernia) **lenewtonii** (Kenya) (desc & nah by DCH Plowes 1995),

(Sansevieria) **newtoniana** (Uganda) (desc & nah by TG Forrest 2014 & disc by TG Forrest 2007);

disc ***species*****:**

(Euphorbia) **lenewtonii** (Tanzania) 1993 (desc & nah by S Carter 2000),
(Euphorbia) **odontophora** [w JJ Lavranos] (Kenya) 1975 (desc by S Carter 1982),
(Tylecodon) **aurusbergensis** [w GS Barad & JJ Lavranos] (Namibia) 1978 (desc by G Williamson & EJ van Jaarsveld 1993);

desc *species*:

(Aloe) **aageodonta** (Kenya) 1993 (disc by him 1992),
(Aloe) **amicorum** (Kenya) 1991 (disc by him 1990),
(Aloe) **carolineae** (Kenya) 2002 (disc by G Powys 2000 & na Caroline Wheeler),
(Aloe) **chrysostachys** [w JJ Lavranos] (Kenya) 1976 (disc by GA Classen 1958),
(Aloe) **clarkei** (Ethiopia) 2003 (disc by P Clarke 1998 & nah),
(Aloe) **diolii** (Sudan) 1995 (disc by JGL Powys 1986 & na M Dioli),
(Aloe) **elata** [w S Carter] (Kenya, Tanzania) 1994,
(Aloe) **fibrosa** [w JJ Lavranos] (Kenya, Tanzania) 1976 (disc by P Archer c1960),
(Aloe) **fleurentinorum** [w JJ Lavranos] (Yemen, Saudi Arabia) 1977 (disc by JJ Lavranos 1974 & na J & M Fleurentin),
(Aloe) **francombei** (Kenya) 1994 (disc by P Leakey & na C Francombe),
(Aloe) **ithya** [w TA McCoy] (Sudan) 2014 (disc by Jamal Idriss 2003),
(Aloe) **jibisana** (Kenya) 2006 (disc by B Brown 1996),
(Aloe) **ketabrowniorum** (Kenya) 1994 (disc by KDF & AE Brown 1989 & na them),
(Aloe) **kulalensis** [w HJ Beentje] (Kenya) 1990,
(Aloe) **lensayuensis** [w JJ Lavranos] (Kenya) 1976 (disc by GA Classen c1958),
(Aloe) **lolwensis** (Kenya) 2001 (disc by him & HEK Hartmann 1989),
(Aloe) **multicolor** (Kenya) 1994 (disc by him 1989),
(Aloe) **murina** (Kenya) 1992,
(Aloe) **pembana** (Pemba & Misali Islands near Zanzibar) 1998,
(Aloe) **powysiorum** [w HJ Beentje] (Kenya) 1990 (disc by JGL & PG Powys & JO Evans c1987 & na JGL & PG Powys),
(Aloe) **pustuligemma** (Kenya) 1994,
(Aloe) **rendilliorum** (Kenya) 2006 (disc by him and JGL Powys 1994),
(Aloe) **rivierei** [w JJ Lavranos] (Yemen, Saudi Arabia) 1977 (disc by JJ Lavranos & LE Newton 1976 & na DF Riviere de Caralt),
(Aloe) **scabrifolia** [w JJ Lavranos] (Kenya) 1990,
(Aloe) **schilliana** [w GD Rowley] (Mada) 1997 (na R Schill),
(Aloe) **springatei-neumannii** (Kenya) 2011 (disc by L Springate 1999 & na him & M Neumann),
(Aloe) **tegetiformis** (Kenya) 2011 (disc by JGL Powys 1995),
(Aloe) **tugenensis** [w JJ Lavranos] (Kenya) 1990 (disc by PG Archer) —> **Aloe archeri** ssp **tugenensis** by E Wabuyele 2006,
(Angolluma) **semitubiflora** (Tanzania) 1993 (disc by him 1988) —> **Orbea semitubiflora** by PV Bruyns 2001,
(Brachystelma) **pellacibellum** (Kenya) 1996,
(Caralluma) **flavovirens** (Kenya) 1998,
(Cissus) **adeyana** [w PS Masinde] (Kenya, Ethiopia) (na Adeya Masinde),

(Cissus) **albiporcata** [w PS Masinde] (Kenya, Tanzania) 1993,
(Cissus) **phymatocarpa** [w PS Masinde] (Kenya, Tanzania) 1993,
(Cissus) **sylvicola** [w PS Masinde] (Kenya, Tanzania) 1993,
(Euphorbia) **forolensis** (Kenya) 1995 (disc by KDF Brown & AE Brown 1984),
(Euphorbia) **rubrimarginata** (Ethiopia, Kenya) 1992 (disc by JGL Powys 1982),
(Euphorbia) **serendipita** (Kenya) 1993 (disc by him 1988),
(Huernia) **rosea** [w JJ Lavranos] (Yemen) 1993 (disc by them 1976),
(Kalanchoe) **ndotoensis** (Kenya) 1998 (disc by G Powys 1978),
(Kleinia) **mccoyi** (Oman) 2002 (disc by TA McCoy 2001 & nah),
(Kleinia) **schwartzii** (Kenya) 1993 (disc by H Schwartz & G Powys 1986 & na H Schwartz) —> **Senecio mweroensis** fa **schwartzii** by GD Rowley 1996,
(Sansevieria) **ascendens** (Kenya) 2010 (disc by JGL Powys 1995),
(Sansevieria) **ballyi** (Kenya) 2004 (disc by WHH Rauh 1960 & na PRO Bally),
(Sansevieria) **bella** (Kenya) 2000 (disc by him 1991),
(Sansevieria) **dumetescens** (Kenya) 2009 (disc by RM Graham 1929),
(Sansevieria) **powysii** (Kenya on Kiwaiyu Island) 2010 (disc by JGL Powys 1995 & nah);

transfer *species*:

"Lomatophyllum aldabrense" (WRB Marais 1975) —> **Aloe aldabrensis** [w GD Rowley] 1997,
"Lomatophyllum anivoranoense" (WHH Rauh & R Hebding 1998) —> **Aloe anivoranoensis** [w GD Rowley] 1998,
"Lomatophyllum antsingyense" (JD Leandri 1935) —> **Aloe antsingyensis** [w GD Rowley] 1997,
"Lomatophyllum belavenokense" (WHH Rauh & R Gerold 1994) —> **Aloe belavenokensis** [w GD Rowley] 1997,
"Lomatophyllum citreum" (A Guillaumin 1944) —> **Aloe citrea** [w GD Rowley] 1977,
"Lomatophyllum namorokaense" (WHH Rauh 1998) —> **Aloe namorokaensis** [w GD Rowley] 1998,
"Lomatophyllum occidentale" (JMH Perrier de la Bathie 1926) —> **Aloe occidentalis** [w GD Rowley] 1997,
"Lomatophyllum orientale" (JMH Perrier de la Bathie 1926) —> **Aloe orientalis** [w GD Rowley] 1997,
"Lomatophyllum propaguliferum" (WHH Rauh & Razafindratsira 1998) —> **Aloe propagulifera** [w GD Rowley] 1998,
"Lomatophyllum prostratum (JMH Perrier de la Bathie 1926) —> **Aloe prostrata** [w GD Rowley] 1997,
"Lomatophyllum rosea" (JMH Perrier de la Bathie 1926) —> **Aloe rosea** [w GD Rowley] 1997,
"Lomatophyllum sociale" (JMH Perrier de la Bathie 1926) —> **Aloe socialis** [w GD Rowley] 1997,
"Lomatophyllum tormentorii" (WRB Marais 1975) —> **Aloe tormentorii** [w GD Rowley] 1997;

desc *subsp*:

(Aloe volkensii ssp) **multicaulis** [w S Carter] (Kenya, Tanzania, Uganda) 1994;
transfer *subsp*:
"Caralluma dicapuae ssp ukambensis" (PRO Bally 1969) —> **Caralluma turneri** ssp **ukambensis** 1998;
disc *variety*:
(Aloe morijensis var) **ojonokae** (Kenya) 1995 (desc by M Uleh 2015 & na JO Uley),
(Caralluma hexagona var) **septentrionalis** [w JJ Lavranos] (Yemen) 1977 (desc by JJ Lavranos 1979),
(Caralluma shadhbana var) **barhana** [w JJ Lavranos] (Yemen) 1977 (desc by JJ Lavranos 1979),
(Caralluma sinaica var) **baradii** [w JJ Lavranos] (Yemen) 1977 (desc by JJ Lavranos & LE Newton 1979 & na GS Barad);
desc *variety*:
(Euphorbia baga var) **parvifolia** (Ghana) 1987,
(Huernia keniensis var) **globosa** (Kenya) 1998.

Newton, Meta;
Book [1959] *Succ & Cacti Picture Book for Beginners;* 29p; mimeograph pub by author.

New Zealand C&SS;
Book [1968] *Cactus & Cookery*; Eng; 28p.

†**Nichol**, Andrew Alexander [**Nic**] (27 Apr 1895–1 Mar 1961); US agriculturist, horticulturist & biologist; BS in agriculture at Univ of Minnesota 1925; prof of ecology & biology at Univ of Arizona, Tucson 1925–36; prof at Arizona Agricultural Experiment Station 1937–41; ecologist w USDA forest service 1942–46; specialized in cacti; contributor to LD Benson's *The Cacti of Arizona*; first spouse Lenore Nichol;
second spouse Myrilla [née Walcutt] Nichol;
Book [1937] *The Natural Vegetation of Arizona* Tucson, Arizona; Eng; 41p;
[1940] *The Cacti of Arizona* [w LD Benson & JJ Thornber] Tucson, Arizona; Eng; 134p; (third edition rev 1969 w LD Benson only as author; 218p);
disc *variety*:
(Echinocereus engelmannii var) **nicholii** (Arizona, Sonora) 1941 (desc & nah by LD Benson 1944) —> **Echinocereus nicholii** by BD Parfitt 1987.

Nicholas, (Dr) Ashley (15 Aug 1954–); {Nicholas}; RSA botanist;
PhD on 'A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa' at Natal Univ 1999; prof of botany at Univ of Durban-Westville, Durban, RSA 1994~; interested in Asclepias & its allies (Apocynaceae);
awarded South African Association of Botanists (SAAB) Bronze Medal 1999;
Book [1992] *The Asclepiadaceous Works of Friedrich Richard Rudolf Schlechter (1872-1925)*: Eng; 53p;
desc *genus*:

Aspidonepsis [w DJ Goyder] (RSA) 1992;
desc *species*:
(Aspidonepsis) **shebae** [w DJ Goyder] (Mpumalanga) 1992;
transfer *species*:
"Asclepias cognata" (NE Brown 1908) —> **Aspidonepsis cognata** [w DJ Goyder] 1992,
"Asclepias flava" (NE Brown 1908) —> **Aspidonepsis flava** [w DJ Goyder] 1992,
"Asclepias reenensis" (NE Brown 1908) —> **Aspidonepsis reenensis** [w DJ Goyder] 1993,
"Gomphocarpus diploglossus" (NE Brown 1848) —> **Aspidonepsis diploglossa** [w DJ Goyder] 1992.

Nichols, Geoffrey [**Geoff**] Richard (22 Oct 1953–) RSA nurseryman & horticulturist; at Durban Parks Dept 1974-1996; owner of *Silverglen Medicinal Plants Nursery* in Durban 1983~; conservationist of the year by KwaZulu-Natal Wildlife & Environmental Soc of S Africa [WESSA] 1987;
disc *species*:
(Aloe) **nicholsii** (KwaZulu-Natal) (desc & nah by GF Smith & NR Crouch 2010).

†**Nicholson**, Carol [née Sarah Elizabeth Keightley] (–1923); a Baroness; Australia; spouse Sir Charles Nicholson (23 Nov 1808–8 Nov 1903), 1st Baronet;
***species* nah:**
(Hoya) **nicholsoniae** (Queensland, Papua New Guinea, Solomon Islands) (desc & nah by FJH Mueller 1866).

†**Nicholson**, George (7 Dec 1847–20 Sep 1908); {G.Nicholson}; British botanist & horticulturist; gardener at Kew 1873–86, & curator 1886–1901; VMH 1897; FLS 1898; spouse Elizabeth [née Naylor Bell] Nicholson (–1879);
Book [1884–91] *Illustrated Dictionary of Gardening* NYC; (in 4 Vols); + 2 century supplements 1990–2001 & 32 plates;

Vol 1; 544p;	Vol 4; 608p;
Vol 2; 544p;	Suppl 1; 376p;
Vol 3; 537p;	Suppl 2; 371p;

transfer *species*:
"Kleinia fulgens" (JD Hooker 1866) —> **Senecio fulgens** 1886.

†**Nickels**, [Nichols, née Snell,] Anna Buck (7 or 10 July 1832–3 Jan 1917); US horticulturist; Texas collector w wholesale & retail nursery (Arcadia Garden) in Laredo, Texas 1873; may have produced earliest cactus catalogs in US 1876; explored in n Mex & s Texas 1860s–90s; won plant award at Chicago World's Fair 1893; (in literature she is shown as Mrs Anna B Nickels); first spouse David Foote Eells (–1866); second spouse Pete Nickels
Book [c1895] *Native Texan & Mex Plants* Laredo, Texas; Eng; 28p; (catalog);
disc *species*:
(Cereus) **bradtianus** (Coahuila) 1895 (desc by JM Coulter 1896 & na BM Bradt)

—> **Grusonia bradtiana** by NL Britton & JN Rose 1919,
(Mamm) **aureilanata** (San Luis Potosi) (desc by C Backeberg 1938);
(Mamm) **nickelsae** (Texas, Nuevo Leon) 1893 (desc & nah by MK Brandegee 1900)
—> **Coryphantha nickelsae** by NL Britton & JN Rose 1923.

†**Nickerson**, [née Thompson,] (Dr) Grace Oresta Phelps (18 Jun 1881–28 Nov 1965); US; first spouse Will S Stanfield; second spouse ? Phelps; third spouse Francis S Nickerson;
Book [1929] *Giant Cactus - The Grand Cactus* Los Angeles, Calif; Eng; 29p w 9 plates on Saguaro.

†**Niebuhr**, Carsten [Karsten] (17 Mar 1733–26 Apr 1815); {Niebuhr}; Danish self-taught botanist, astronomer, cartographer & mathematician; led expedition to explore Egypt & Arabia [w P Forsskal] 1761–63 & to India, Persia & Turkey 1763–67 & C Niebuhr was only one of 6 to survive expedition & back to Copenhagen, Denmark 1767;
Book [1775] *Flora Aegyptiaco-Arabica** w P Forsskal's description of Kosaria (Dorstenia) foetida; (editor of),
[1776] *Icones Rerum Naturalium**; 15p; (editor of);
*notes & drawings by P Forsskal
***species* nah:**
(Aloe) **niebuhriana** (Saudi Arabia, Yemen) (desc & nah by JJ Lavranos 1965).

†**Niederlein**, Gustavo [Gustav] (1 Jan 1858–23 Mar 1924); {Niederl.}; Ger naturalist & botanist; joined Ministry of Agriculture in Argentina 1879; collected in Argentina, Brazil & Honduras 1879–86;
disc *species*:
(Echinocactus) **famatimensis** [w GHE Hieronymus] (Argentina) 1879 (desc by CL Spegazzini 1921) —> **Echinopsis famatimensis** by E Werdermann 1931.

†**Niekerk**, Grace van (–Jul 1983); RSA teacher & bot assistant;
on staff at Bolus Herbarium 1950s–60s;
***species* nah:**
(Ruschia) **vanniekerkiae** (Western Cape) (desc & nah by HML Bolus 1932).

Niepce, Janine;
Book [1960] *Flowering Cacti (and other Flowering Plants)* NYC; Eng; 100p.

Niesler, (Prof) (Dr) Ingeborg M (18 Feb 1953–); {Niesler}; Ger botanist; PhD w thesis on mesemb genus Trichodiadema at Univ of Hamburg; prof of botany at Institut fur Allgemeine Botanik, Univ of Hamburg, Ger; IOS member 1996;
desc *species*:
(Gibbaeum) **hartmannianum** [w J Thiede] (Western Cape) 2012 (na HEK Hartmann);
transfer *species*:
"Mesemb introrsum" (JD Hooker 1873) —> **Trichodiadema introrsum** 2001,

"Mesemb schimperi" (HGA Engler 1909) —> **Delosperma schimperi** [w HEK Hartmann] 1991.

Niethammer, Carolyn (21 May 1944–); US; Arizona native & author of books;
Book [1974] *American Indian Food & Lore—50 Authentic Recipes* NYC; Eng; 191p; (includes c&s recipes),
[2004] *The Prickly Pear Cookbook*; Eng; 120p w 73 color photos by Robin Stancliff.

Nikonov, [Nikonow,] Nikolai [Nikolaj] Gregorivich; Russian horticulturist;
Book [1978] *Sozvezdiye Kaktusov* = "Constellation of Cacti" Sverdlovsk [Yekaterinberg], Russia; Russian; 135p w 39 color photos; (rev 1982 w 256p),
[1988] *Kaktuste Täht Kujus* Tallinn, Russia; Russian; 175p + 32 plates.

Nisbet, (Dr) RA; US; PhD at Arizona State Univ 1972;
Book [1972] *Productivity & Temperature Acclimation in a Prickly-Pear Cactus in S-Central Arizona*; 152; (PhD thesis).

†**Nissen**, (Mr) ? (fl. 1926);
species **nah:**
(Mesemb) **nissenii** (Namibia) (desc & nah by MK Dinter) —> **Psammophora nissenii** by MK Dinter & MHG Schwantes 1926.

N.M., — See **Ness**, C & **Martius**, CFP von.

Nobel, (Prof) (Dr) **Park** S (4 Nov 1938–); US physiological ecologist w emphasis on agaves & cacti; PhD in biophysics at Univ of Calif, Berkeley 1965; prof of biology at Univ of Calif Los Angeles 1967~; IOS member 1985;
Book [1986] *The Cactus Primer* [w AC Gibson]; Cambridge, Massachusetts; Eng; 286p; (2nd edition 2009),
[1988] *Environmental Biology of Agaves & Cacti* NYC; Eng; 350p; (2nd edition 2003),
[1994] *Remarkable Agaves & Cacti* NYC; Eng; 166p + 4 color plates,
[2002] *Cacti Biology & Uses* Berkeley, Calif; Eng; 280p; (editor of),
[2010] *Succ Plants: Wonderful Water Misers*; Eng; 17p,
[2010] *Desert Wisdom—Agaves & Cacti, CO2, Water, Climate Change*; Eng; 182p w 2 photos.

Noble, Wm [**Bill**] C; British member of NCSS;
Book [1976] *Aloes for Greenhouse & Indoor Cultivation* Oxford, Eng; Eng; 52p; (NCSS Handbook 3).

Nold, Robert: US author of rock garden plants in Lakewood, Colorado;
Book [2008] *High and Dry; Gardening with Cold-hardy Dryland Plants* Portland, Oregon; Eng; 420p w a few succ plants.

†**Nolin**, CP; French 18th century aboriculturist & horticultural author; dir of royal nurseries; co-author of an 18th century book on agriculture;
***genus* nah:**
Nolina (US, Mex) (desc & nah by A Michaux 1803).

Noltee, **Frans** KA (6 Sep 1941–); Dutch nurseryman & photographer;
IOS member 1971; to RSA 2001;
Book [1974] *Handleiding voor het Verzorgen en Kweken van cactussen en Andere Succulenten* [w A Graaf]; Dutch; 52p,
[1975] *Cactussen en Vetplanten* [w A de Graaf] Amsterdam, Netherlands; Dutch; 84p,
[1987] *Checklist of Brachystelma R.Br., Ceropegia L., Riocreuxia Decne.& the lGenera of the Stapelieae s.s. (Asclepiadaceae)* [w ACJ Kroesen & C Boele] West Sussex, Eng; Eng; 185p,
[1990] *Supplement to the Checklist of Brachystelma, Ceropegia, Riocreuxia & the Stapelieae* [w ACJ Kroesen & C Boele] West Sussex, Eng; Eng; 38p,
[1990] *Cultivation Guide for Succ*; Eng; 48p,
[1993] *Kweektabel voor Cactussen en Andere Succulenten* Rotterdam, Netherlands; Dutch; 49p,
[2009] *Succ Plants of the Little Karoo [CD-ROM v. 1.4]*; 700 color photos;
disc *species*:
(Euphorbia) **furcata** (Kenya,Tanzania) (desc by NE Brown 1911),
(Tylecodon) **nolteei** (Northern Cape) (desc & nah by JJ Lavranos 2001).

†**Nommensen**, Richard;
Book [1910] *Beitrage zur Kenntnis der Anatomie der Cacteen* Kiel, Ger; Ger; 54p.

†**Nordal**, (Dr) Arnold Sofus (19 May 1909–16 Aug 2002); Norwegian pharmaceutical scientist; PhD at Univ of Oslo 1947; prof of pharmacognosy at Univ of Oslo, Norway 1948–69; researcher at Univ of Calif, Berkeley US 1953–54; spouse Alma Margrethe [née Ringstad] Nordal (22 Sep 1913–13 Aug 2000);
Book [1946] *A Pharmacognostical Study of Sedum acre L. (Including a Comparison With Some Other Crassulaceae)* Oslo, Norway; Eng; 166p; thesis; (translated from Norwegian by Charles Dunsby).

Nordal, (Prof) (Dr) Inger (11 Aug 1944–); {Nordal}; Norwegian botanist;
PhD at Univ of Uppsala, Sweden 1977; prof of botany at Univ of Oslo, Norway 1987~; interested in systematics within the lily family; explored in Africa;
Book [2003] *Flowers of Ethiopia & Eritrea. Aloes & Other Lilies* [w Sebsebe Demissew & OE Stabbeltorp] Addis Ababa; 227p,
[2010] *Aloes & other Lilies of Ethiopia & Eritrea* [w Sebsebe Demissew] Addis Ababa; Eng;

358p;
species **nah:**
(Aloe) **nordaliae** (Tanzania) (desc & nah by E Wabuyele 2006 & disc by E Wabuyele 2004).

Nordenstam, (Dr) Rune **Bertil** (20 Feb 1936–); {B.Nord.}; Swedish botanist; BSc, MSe, Fil.lic, Fil.dr & Docent from Lund Univ, Sweden 1954; assistant at Bot Museum, Lund 1956–69; curator & botanist at Swedish Museum of Natural History, Stockholm, Sweden 1969~; explored in RSA & Namibia 1962–64 & 1974;
interested in taxonomy & phytogeography of s African Compositae & Liliaceae;
desc *genus*:
Dendrosenecio 1978;
species **nah:**
(Drosanthemum) **nordenstamii** (Namibia) (desc & nah by HML Bolus 1964),
(Ruschia) **nordenstamii** (Western Cape) (desc & nah by HML Bolus 1964) —> **Antimima nordenstamii** by HEK Hartmann 1998;
desc *species*:
(Bulbine) **haworthiodes** (Western Cape) 1964 (disc by H & LI Hall),
(Othonna) **hallii** (Western Cape) 1964 (na H Hall),
(Othonna) **hederifolia** (Northern Cape) 1971,
(Othonna) **rechingeri** (Northern Cape) 1971 (na KH Rechinger),
(Pelargonium) **caroli-henrici** (Western Cape) 1987 (na KH Rechinger),
(Rhadamanthus) **albiflorus** (Western Cape) 1970,
(Rhadamanthus) **arenicola** (Northern Cape) 1970,
(Rhadamanthus) **fasciatus** (Northern Cape) 1970,
(Rhadamanthus) **montanus** (Western Cape) 1970,
(Rhadamanthus) **platyphyllus** (Western Cape) 1970,
(Rhadamanthus) **secundus** (Namibia) 1970;
desc *subsp*:
(Euphorbia monteiri ssp) **brandbergensis** (Namibia) 1974.

†**Norlindh**, (Prof) (Dr) Nils **Tycho** (13 May 1906–23 Jan 1995); {Norl.}; Swedish botanist; DSc at Lund Univ, Sweden 1943; prof of botany 1943–49 & curator of Bot Museum 1950–61 at Lund Univ; prof of botany at Swedish Museum of Natural History, Stockholm, Sweden 1961~; interested in taxonomy, morphology, phytogeography, cytology & ecology; collected in RSA & Rhodesia w TCE Fries & AH Weimarck 1930–31; collected in Mongolia, Zimbabwe & RSA various times from 1953–72;
transfer *species*:
"Tripteris crassifolia" (KAO Hoffmann 1889) —> **Osteospermum crassifolium** 1943,
"Tripteris microcarpa" (WH Harvey 1865) —> **Osteospermum microcarpum** 1943,
"Tripteris polycephala" (AP de Candolle 1837) —> **Osteospermum polycephalum** 1943.

†**Norman**, Cecil (12 Sep 1872–2 Apr 1947); {C.Norman}; British botanist; collected in Algeria 1922, Jamaica 1924 & Cayman 1924 & Cyprus 1930 Islands;

desc *species*:
(Hoya) **archboldiana** (Indonesia, Papua New Guinea) 1937 (na ? Archbold).

Northcott, Ralph L; British horticulturist; owner of succ plant nursery *Westfield Cacti* at Exeter, Devon, Eng ≈2000;
Book [1995] *An Intro to C&OS* Kennford; 24p w 31 color phots.

Nortier, (Dr med) PL (fl. 1946); RSA; physician in Clanwilliam, Western Cape;
***species* nah:**
(Haworthia) **nortieri** (Western Cape, Northern Cape) (desc & nah by GG Smith 1946).

†**Norton**, (Prof) (Dr hc) John Bitting Smith (Apr 1872–10 Jul 1966); {Norton}; US botanist, mycologis, pathologist & horticulturist; MS at Kansas State Univ, Manhattan, Kansas, 1901; prof of botany & plant pathology at Maryland Agricultural College 1901–42 & honorary DSc 1923;
Book [1899] *A Revision of the Amer Species of Euphorbia of the Section Tithymalus Occurring N of Mex* St. Louis, Missouri; Eng; 60p; (MS thesis).

†**Nouhuys**, Jan Jozua van (27 Apr 1903–10 Nov 1940); East Indies to Holland to RSA 1921; horticulturist, geologist & artist; nurseryman at Municipal Parks Dept 1921–24 & gardener at division of botany garden 1925, Pretoria, RSA; BSc at Univ of S Africa 1931; collected & illustrated many plants for *Flowering Plants of RSA* book;
disc *species*:
(Huernia) **nouhuysii** (Transvaal) c1930 (desc & nah by IC Verdoorn 1931),
(Stapelia) **clavicorona** (Northern Prov) (desc by IC Verdoorn 1931),
(Stapelia) **nouhuysii** (Cape) (desc & nah by EP Phillips 1929).

Nourrisse, T;
Book [1940] *Het Kweeken van Bloembollen, Verzorgen van Kamerplanten, Cactussen, Enz* Amsterdam, Netherlands; 95p.

Novak, Jan; Czech horticultirust; explored in Argentina 2004;
Book [1980] *Kaktusy* Praha, Czech Rep; Czech; 128p.

Nugent, Jeff;
Book [1999] *Agaves & Cacti (Permaculture Plants)*; Eng; 200p.

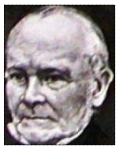
Nunez, [Núñez,] (Prof) C; {Nunez}; Mex botanist; interested in cacti;
disc *species*:
(Neomammillaria) **nunezii** (Guerrero) 1921 (desc & nah by NL Britton & JN Rose 1923) —> **Mamm nunezii** by CR Orcutt 1926;
desc *species*:

(Mamm) **carmenae** [w M Castaneda] (Tamaulipas) 1954 (na Carmen Castaneda).

Nurein, Mohamed OM; MS at Univ of Arizona, Tucson;
Book [1965] *The Taxonomy & Biology of Carpophilus longiventris Sharp & Carpophilus pallipennis (Say) in Cacti in Southern Arizona*; Eng; 48p; (MS thesis).

†**Nussbaumer**, Ernst; Ger; gardener at Bremen Bot Garden , Ger;
species **nah:**
(Sedum) **nussbaumerianum** (Vera Cruz) (desc & nah by FAG Bitter 1924 & disc by CA Purpus 1906/07).

†**Nutt**, (Revd & Dr med) Wm Harwood (Feb 1869–25 Nov 1943); British artisan missionary in Zambia 1892–98; collected in Zambia; to Eng 1898; MD in radiology at Edinburgh Univ 1904; spouse Ethel Towers [née Minors] Nutt (1878–1946);
species **nah:**
(Aloe) **nuttii** (Angola, Zambia, Zaire, Malawi, Tanzania,) (desc & nah by JG Baker 1897).



†**Nuttall**, Thomas (5 Jan 1786–10 Sep 1859); {Nutt.}; British printer, naturalist, ornithologist & taxonomic botanist; to US 1807 & back to Eng 1842;
joined John Jacob Astor (1763–1848) expedition of 1811 across n portion of US along the Missouri River from St. Louis, Missouri, to western N Dakota and into Wyoming to the foothills of the Rocky Mtns; discoverer & collector of plants; curator of bot garden, founder of herbarium & prof of natural history at Harvard Univ, Cambridge, Massachusetts 1822–33; wrote papers in geology, botany & zoology; major contributor to J Torrey & A Gray's *A Flora of N America*; became known as the 'father of western botany'; FLS 1813;
Book [1818] *The Genera of North American Plants, & a Catalogue of the Species to the Year 1817* Philadelphia, Pennsylvania; Eng; (in 2 Vols);
Vol 1; 312p; Vol 2; 254p;
desc ***genus*****:**
Diamorpha (N Amer) 1818 (syn of Sedum LINNAEUS);
disc ***species*****:**
(Echinocactus) **viridescens** (Calif, Baja Calif) 1835 (desc by A Gray & J Torrey 1840) —> **Ferocactus viridescens** by NL Britton & JN Rose 1922,
(Mamm) **missouriensis** (N Dakota, Montana, Colorado, Kansas, Oklahoma) 1811 (desc by R Sweet 1830) —> **Escobaria missouriensis** by Dr Hunt 1978,
(Opuntia) **polyacantha** (N Dakota to Texas to Arizona to Idaho to N Dakota & in between, Canada in Alberta & Saskatchewan, Chihuahua) 1811 (desc by AH Haworth 1819);
desc ***species*****:**
(Cactus) **fragilis** (Wisconsin to Kansas, Texas to Arizona, Oregon, Washington, British Colombia) 1818 (disc by him in N Dakota 1811) —> **Opuntia fragilis** by AH Haworth 1819,
(Cactus) **viviparus** (Manitoba to Alberta, Canada, Montana & N Dakota to Texas, Arizona, California, into Chihuahua, Coahuila, Sonora) 1812 (disc by him in N Dakota 1811) —> **Escobaria vivipara** by F Buxbaum 1951,

(Echeveria) **lanceolata** (Calif, Baja Calif) 1840 —> **Dudleya lanceolata** by NL Britton & JN Rose 1903,

(Echeveria) **pulverulenta** (Calif) 1840 —> **Dudleya pulverulenta** by NL Britton & JN Rose 1903,

(Sedum) **edule** (Calif, Baja Calif) 1840 (disc by him 1835) —> **Dudleya edulis** by RV Moran 1943,

(Sedum) **oreganum** (Oregon to Alaska) 1840,

(Talinum) **parviflorum** (N Dakota, Minnesota to Arkansas, Texas, Arizona) 1838,

(Tillaea) **cymosa** (S Carolina, Tennessee, Georgia, Alabama) 1818 —> **Diamorpha cymosa** by NL Britton 1903,

(Yucca) **glauca** (Texas to Canada) 1813 (disc by J Bradbury 1811).

Nyananyo, BL (fl. 1986); {Nyananyo};
transfer *species*:

"Sedopsis carrissoana" (AW Exell & F de A Mendonca 1939) to **Portulaca carrissoana** 1986.

Nyffeler, (Prof) (Dr) Reto (fl. 1992); {Nyffeler}; Swiss botanist, plant systematic & biogeography; PhD at Univ of Zurich, Switzerland 1997; prof of systematic botany at Univ of Zurich & herbarium curator of phanerogams; interested in the diversity of succ plants; IOS member 1990, editor of IOS Bulletin 1999–2002 & vp 2007~;
desc *subsp*:

(Monanthes polyphylla ssp) **amydros** (1992).

†**Nyman**, Carl Frederik (31 Aug 1820–26 Apr 1893); {Nyman}; Swedish botanist; curator at Riksmuseum Stockholm;
desc *species*:

(Sempervivum) **pittonii** [w ACV Schott & KGT Kotschy] (Austria) 1854 (na JC Pittoni).

O

Obel, [de l'Obel,] — see **Lobel**, M de.

†**Obermeyer**, [Obermeijer,] [later Mauve,] Anna Amelia (30 Jul 1907–10 Oct 2001); {Oberm.}; RSA botanist; MSc at Transvaal Univ College 1929; curator of herbarium at Transvaal Museum, Pretoria, RSA 1929–38; expedition to n Transvaal w IC Verdoorn & HG Schweickerdt 1932; worked w Bot Research Institute specializing in petaloid monocots & other groups 1957~; collector in s & eastern Cape; spouse Anton Mauve, a civil engineer;
disc *species*:

(Euphorbia) **aeruginosa** [w IC Verdoorn & HGW Schweickerdt] (Limpopo) 1932 (desc by HGW Schwickerdt 1935);
desc *species*:

(Bulbine) **coetzeei** (Natal, Mpumalanga) 1967 (na BJ Coetzee),
(Bulbine) **inflata** (Mpumalanga,Natal, Swaziland) 1967,
(Caralluma) **schweickerdtii** (Transvaal) 1937 (disc by AA Obermeyer, IC Verdoorn & HGW Schweickerdt 1932 & na HGW Schweickerdt);
(Caralluma) **vansonii** [w C Bremekamp] (Bechuanaland) 1935 (disc by G van Son 1930 & nah),
(Ceropegia) **cimiciodora** (Northern Prov, Natal, Swaziland) 1933 (disc by AA Obermeyer, HGW Schweickerdt & IC Verdoorn 1932),
(Gasteria) **rawlinsonii** (Eastern Cape) 1976 (disc by SI Rawlinson 1972 & nah),
(Haworthia) **koelmaniorum** [w DS Hardy] (Mpumalanga) 1967 (disc by A Koelman 1963 & nah & spouse),
(Hoodia) **langii** [w CL Letty] (Cape, British Bechuanaland) 1937 (disc by H Lang & E Schweickerdt 1933 & na H Lang),
(Hoodia) **rosea** [w CL Letty] (Cape, British Bechuanaland) 1936 (disc by H Lang & E Schweickerdt 1933),
(Huernia) **levyi** (Botswana, Zambia, Zimbabwe) 1936 (disc by S Tapscott 1928 & na B Levy),
(Ornithogalum) **geniculatum** (Namibia, Northern Cape) 1978,
(Rhadamanthus) **karooicus** (Western Cape) 1980,
(Rhadamanthus) **namibensis** (Namibia) 1980;
transfer *species*:
"Albuca unifoliata" (GD Rowley 1975) —> **Ornithogalum unifoliatum** 1978,
"Albuca zebrine" (JG Baker 1904) —> **Ornithogalum zebrinum** 1978,
"Anthericum involucratum" (JG Baker 1876) —> **Trachyandra involucrata** 1962,
"Anthericum tortile" (JG Baker 1904) —> **Trachyandra tortilis** 1962,
"Asparagus multituberosus" (RA Dyer 1954) —> **Myrsiphyllum multituberosum** 1984,
"Asparagus ovatus" (TM Salter 1984) —> **Myrsiphyllum ovatum** 1984,
"Liriothamnus adamsonii" (RH Compton 1931) —> **Trachyandra adamsonii** 1962.

Obermeyer, (Dr) Wm Robert, Jr; US pharmacist;
PhD at Philadelphia College of Pharmacy & Science 1989;
Book [1989] *Enhancement of Growth & Alkaloid Production in Tissue Cultures of Peyote, Lophophora williamsii (LEMAIRE) COULTER* Philadelphia, Pennsylvania; 193p (PhD thesis).

†**Oberstein**, (Dr) Otto; Ger; PhD at Unversität Breslau, Ger;
Book [1910] *Beiträge zur Kenntnis der Gattung Mesembrianthemum* = "Contributions to the knowledge of the genus Mesem" Breslau; 78p; (PhD thesis).

†**Obregon**, [Obregón,] (Gen) Álvaro (19 Feb 1880–17 Jul 1928); Mex politician; Pres of Mex 1920–24;
***genus* nah:**
Obregonia (Tamaulipas) (desc & nah by AV Fric 1925).

O'Brien, Ruth S;

Book [1987] *Black Lace Cactus (Echinocereus reichenbachii var albertii) Recovery Plan* [w S Gardner] Albuquerque, New Mex; Eng; 51p.

Ocampo, Enrique; Bolivian student of M Cardenas;
***species* nah:**

(Parodia) **ocampoi** (Cochabamba) (desc & nah by M Cardenas 1955 & disc by E Ocampo 1951).

†**Ocampo**, Melchor (5 Jan 1814–3 Jun 1861); Mex lawyer, scientist & politician; studied law, physics, chemistry & botany at Univ of Mex; lawyer 1833~; governor of Michoacan 1846–50;
***species* nah:**

(Cereus) **ocamponis** (Colima, Jalisco, state of Mexico, Nayarit, Sinaloa) (desc & nah by JFM Salm-Dyck 1850) —> **Hylocereus ocamponis** by NL Britton & JN Rose 1909.

†**Ochoa**, [Ochoa Nieves,] (Dr hc) Carlos M (27 Nov 1920–11 Dec 2008); Peruvian agronomist, botanist, geneticist & taxonomist; honorary doctorate at Univ Ricardo Palma; prof of plant breeding at Peru's Natl Agrarian Univ in La Melisa ≈1971; worked at the International Potato Center (CIP) 1971~; specialized in potato species, discovering a number of new species in Peru & other S Amer countries; member of CSSA 1975; FLS 1976;
disc *species*:

(Corryocactus) **chachapoyensis** (Peru) ≈1959 (desc by DR Hunt 1999).

†**Ochoterena**, [Ochoterena y Mendieta,] (Prof) (Dr) Jacobo **Isaac** (28 Nov 1885–11 Apr 1950); {Ochot.}; Mex biologist; prof at Institute of Biology at Chapultepec, near Mex City 1915~; explorer in Mex 1908–48; CSSA Fellow award 1945;
Book [1923] *Las Cactáceas de Méx* Mex City, Mex; Spanish; 179p;
***species* nah:**

(Echinocereus) **ochoterenae** (Sinaloa) (desc & nah by J Gonzalez Ortega 1928 & disc by J Gonzalez Ortega 1927) —> **Echinocereus subinermis** ssp **ochoterenae** by NP Taylor 1997,
(Fouquieria) **ochoterenae** (Puebla, Oaxaca) (desc & nah by F Miranda 1942),
(Gymnocalycium) **ochoterenae** (Cordoba, San Luis) (desc & nah by C Backeberg 1936),
(Stenocactus) **ochoterenanus** (Mex) (desc & nah by E Tiegel 1933).

Odehnal, Josef; (21 Mar 1938–); Czech Republic photographer & teacher; attended Brno Agricultural Univ; teacher in secondary schools; pres of Astrophytum Club in Brno 1994–2005; pres of Czech Cactus Soc 1996~; explored in Argentina, Bolivia, Chile, Mex & US;
disc *species*:

(Rebutia) **odehnalii** [w JJ Halda &V Seda] (Bolivia) (desc & nah by JJ Halda, V Seda & V Sorma 2002).

Oddo, Elisabetta;
Book [1992] *Handbook for the Identification of Cactaceae & Other Succ* [w M Sajeva, A

Cattabriga & A Orlando] Bologna, Italy; Italian/Eng; 32p.

†**Odier**, James; (fl. 1849) France; cactus hobbyist in Paris;
***species* nah:**
(Echinocactus) **odieri** (Chile) (desc & nah by JFM Salm-Dyck 1850) —> **Eriosyce odieri** by F Kattermann 1994.

†**Oehler**, (Dr) Eduard; Ger; collected in Namibia & Tanzania;
disc *species*:
(Mesemb) **oehleri** [w F Jaeger] (Kenya, Tanzania) 1906 (desc by HGA Engler 1909 & na E Oehler) —> **Delosperma oehleri** by AGJ Herre 1948.

†**Oehme**, Johannes [Hans] Arthur (23 May 1899–1944); {Oehme}; Ger artist & cactus specialist;
Book [1940] *Die Arten der Gattung Arequipa*; Ger; 12p,
[1941] *Die Formenkreis des Gymnocalycium bruchii*; Ger; 5p;
desc *genus*:
Rapicactus [w F Buxbaum] 1942 (syn of Turbinicarpus BUXBAUM & BACKEBERG);
desc *species*:
(Echinocereus) **fobeanus** (Coahuila) 1940 (na WF Fobe) —> **Echinocereus chisosensis** ssp **fobeanus** by NP Taylor 2005,
(Lobivia) **fallax** (Argentina) 1939 —> **Echinopsis aurea** ssp **fallax** by M Lowry 2005.

†**Oersted**, [Örsted,] Anders Sandoe [Sandö] (21 Jun 1816–3 Sep 1872); {Oerst.}; Danish botanist, mycologist, zoologist, marine biologist & naturalist; prof of botany at Univ of Copenhagen, Denmark 1851–62; collected in Mex, Costa Rica, Nicaragua, Jamaica, Colombia & Brazil 1845–48;
desc *species*:
(Columnea) **glabra** (Costa Rica) 1858,
(Columnea) **linearis** (Costa Rica) 1858.

†**Oertendahl**, [Örtendahl,] Ivar Anders (26 Feb 1870–21 Aug 1935); Swedish horticulturist at Univ Bot Gardens, Uppsala, Sweden;
***species* nah:**
(Plectranthus) **oertendahlii** (Natal) (desc & nah by TCE Fries 1924).

†**Ogilby**, John (Nov 1600–4 Sep 1676); Scottish writer, dancing teacher, cartographer & publisher; master of the Revels to King Charles II of Eng; publisher of elaborate geographical books; translated Greek & Latin texts; pub first effective Road Atlas from surveys of roads in Eng & Wales;
first to establish Statute mile of 1,760 yards as national unit of measure;
Book [1670] *Africa, being an Accurate Desc of the Regions of Aegypt, Barbary, Lybia & Billedulgerid [Africa]* London, Eng; Eng; 767p; (engraving of a Stapelia on p 587).

†**Ogilvie-Grant**, [Ogilvie,] Wm Robert (25 Mar 1863–26 Jul 1924); Scottish ornithologist; worked up to curator of birds at Natural History Museum, London, Eng 1882~; collected in Arabia, Socotra, Madeira Islands & Canary Islands;
disc *species*:
(Ceropegia) **arabica** (Yemen, Saudi Arabia) c1902 (desc by HFJ Huber 1957).

†**Ohashi**, Yukioni;
Book [1934] *Cacti*; Japanese; 124p w 2 color plates & 67 black & white illustrations.

Ohba, (Prof) (Dr) Hideaki (14 Jul 1943–); {H.Ohba}; Japanese botanist; prof of botany at Univ of Tokyo; IOS member 1990;
Book [1978] *Generic & Infrageneric Classification of the Old World Sedoideae (Crassulaceae)* Tokyo, Japan; Eng; 59p;
desc *genus*:
Hylotelephium (Europe, Caucasus, Siberia, eastern Asia, N Amer) 1977,
Perrierosedum (Mada) 1978 (na JMH Perrier de la Bathie),
Prometheum (Greece, Turkey, Armenia, Caucasia, Iran) 1978;
desc *species*:
(Hylotelephium) **callichromum** (Asia, Siberia) 1977,
(Rhodiola) **handelii** (China) 1977 (na FH von Handel-Mazzetti),
(Rhodiola) **ludlowii** (Bhutan) 1977 (na F Ludlow),
(Rhodiola) **serrata** (India) 1977,
(Rhodiola) **sherriffii** (Sikkim, Bhutan, Tibet) 1978 (na G Sherriff),
(Sedum) **amabile** (Nepal) 1976 —> **Rhodiola amabilis** by H Ohba 1976,
(Sedum) **callianthum** (Nepal) 1974 —> **Rhodiola calliantha** by H Ohba 1976,
(Sedum) **kingdonii** (Myanmar) 1975 (na F Kingdon-Ward),
(Sedum) **marnieri** (India, Nepal) 1974 (na J Marnier-Lapostolle) —> **Rosularia alpestris** ssp **marnieri** by UV Eggli 1988,
(Sedum) **nepalicum** (Nepal) 1974 —> **Rhodiola nepalica** by H Ohba 1976,
(Sedum) **phariense** (Tibet) 1973 —> **Rhodiola purpureovirides** ssp **phariensis** by H Ohba 1986,
(Sedum) **pseudo-multicaule** (Nepal) 1978;
transfer *species*:
"Cotyledon aggregate" (T Makino 1910) —> **Orostachys malacophylla** var **aggregate** 1992,
"Cotyledon **iwarenge** (T Makino 1902) —> **Orostachys malacophylla** var **iwarenge** 1992,
"Crassula aliciae" (Ramond-Hamet 1908) —> **Orostachys aliciae** 1978,
"Rhodiola neomexicana" (NL Britton 1903) —> **Rhodiola integrifolia** ssp **neomexicana** 1999,
"Rhodiola sexfolia" (SH Fu 1965) —> **Rhodiola chrysanthemifolia** ssp **sexfolia** 1982,
"Rhodiola taohoensis" (SH Fu 1965) —> **Rhodiola himalensis** ssp **taohoensis** 1982,
“Sedum anacampseros” (C Linnaeus 1753) —> **Hylotelephium anacampseros** 1977,
“Sedum angustum” (CJI Maximowicz 1883) —> **Hylotelephium angustum** 1977,

"Sedum atsaense" (HA Froderstrom 1943) —> **Rhodiola atsaensis** 1976,
"Sedum boninense" (T Tuyama 1836) —> **Sedum uniflorum** ssp **boninense** 1981,
“Sedum bonnafousii” (Raymond-Hamet 1916) —> **Hylotelephium bonnafousii** 1977,
"Sedum bouvieri" (Ramond-Hamet 1916) —> **Rhodiola himalensis** ssp **bouvieri** 1982,
“Sedum cauticola” (RL Praeger 1917) —> **Hylotelephium cauticola** 1977,
"Sedum crenulatum" (JD Hooker & T Thomson 1858) —> **Rhodiola crenulata** 1976,
"Sedum cretinii" (Raymond-Hamet 1916) —> **Rhodiola cretinii** 1976,
“Sedum cyaneum” (JH Rudolph 1811) —> **Hylotelephium cyaneum** 1977,
“Sedum erythrostictum” (FAW Miquel 1866) —> **Hylotelephium erythrostictum** 1977,
“Sedum ettyuense” (M Tomida 1973) —> **Hylotelephium sieboldii** var **ettyuense** 1981,
“Sedum ewersii” (CF von Ledebour 1829) —> **Hylotelephium ewersii** 1977,
"Sedum japonicum" (FAW Miquel 1866) —> **Sedum uniflorum** ssp **japonicum** 1981,
"Sedum liciae" (Raymond-Hamet 1909) —> **Rhodiola chrysanthemifolia** ssp **liciae** 1987,
"Sedum madagascariense” (JMH Perrier de la Bathie 1922) —> **Perrierosedum madagascariense** 1978,
“Sedum mingjinianum” (SH Fu 1965) —> **Hylotelephium mingjinianum** 1977,
"Sedum oishii” (J Ohwi 1971) —> **Hylotelephium sordidum** var **oishii** [w M amano] 1990,
"Sedum oryzifolium" (T Makino 1891) —> **Sedum uniflorum** ssp **oryzifolium** 1981,
"Sedum pachyclados" (JET Aitchison & WB Hemsley 1880) —> **Rhodiola pachyclados** 1976,
“Sedum pallescens” (JF Freyn 1895) —> **Hylotelephium pallescens** 1977,
"Sedum pilosum" (FAM von Bieberstein 1808) —> **Prometheum pilosum** 1978,
“Sedum populifolium” (PS von Pallas 1776) —> **Hylotelephium populifolium** 1977,
"Sedum prainii" (Raymond-Hamet 1909) —> **Rhodiola prainii** 1976,
"Sedum rosulatum" (MP Edgeworth 1846) —> **Rosularia rosulata** 1977,
"Sedum saxifragoides" (HA Froderstrom 1936) —> **Rhodiola saxifragoides** 1977,
"Sedum scabridum" (AR Franchet 1896) —> **Rhodiola coccinea** ssp **scabrida** 1982,
"Sedum schoenlandii" (Raymond-Hamet 1910) —> **Orostachys schoenlandii** 1978,
"Sedum sempervivoides" (FAM von Bieberstein 1819) —> **Prometheum sempervivoides** 1978,
“Sedum sieboldii” (WJ Hooker 1863) —> **Hylotelephium sieboldii** 1977,
“Sedum sordidum” (CJI Maximowicz 1883) —> **Hylotelephium sordidum** 1977,
“Sedum spectabile” (A Boreau 1866) —> **Hylotelephium spectabile** 1977,
"Sedum stenostachyum" (HA Froderstrom 1932) —> **Orostachys stenostachya** 1978,
“Sedum subcapitatum” (B Hayata 1913) —> **Hylotelephium subcapitatum** 1977,
“Sedum tatarinowii” (CJI Maximowicz 1883) —> **Hylotelephium tatarinowii** 1977,
“Sedum telephioides” (A Michaux 1803) —> **Hylotelephium telephioides** 1977,
“Sedum telephium” (C Linnaeus 1753) —> **Hylotelephium telephium** 1977,
“Sedum tsugaruense” (H Hara 1957) —> **Hylotelephium ussuriense** var **tsugaruense** 1993,
“Sedum ussuriense (VL Komarov 1916) —> **Hylotelephium ussuriense** 1977,
“Sedum verticillatum” (C Linnaeus 1753) —> **Hylotelephium verticillatum** 1977,
“Sedum viride” (T Makino 1901) —> **Hylotelephium viride** 1977,
“Sedum viridescens” (T Nakai 1914) —> **Hypagophytum viridescens** 1977,

"Sedum viviparum" (CJI Maximowicz 1883) —> **Hylotelephium viviparum** 1977;

desc *subsp*:

(Orostachys malacophylla ssp) **lioutchenngoi** (Inner Mongolia) 1990 (na Tchen-ngo Liou),
(Rhodiola alsia ssp) **kawaguchii** (Tibet) 1981 (na E Kawaguchi),
(Rhodiola primuloides ssp) **kongboensis** (Tibet) 1978,
(Sedum erythrospermum ssp) **australe** (Philippines) 1977,
(Sedum obtusipetalum ssp) **dandyanum** (Nepal) 1986 (na JE Dandy),
(Sedum parvisepalum ssp) **philippinense** (Philippines) 1977,
(Sedum subtile ssp) **chinense** (China) 1986;

transfer *subsp*:

"Sedum integrifolium ssp procerum"
(RT Clausen 1975) —> **Rhodiola integrifolia** ssp **procera** 1999,
"Sedum telephium ssp ruprechtii"
(AJJ Jalas 1954) —> **Hylotelephium telephium** ssp **ruprechtii** 1977;

desc *variety*:

(Sedum sieboldii var) **chinense** (China) 1992,
(Sedum verticillatum var) **lithophilos** (Japan) 1991;

transfer *variety*:

"Rhodiola imbricata var lobulata" (NB Singh & UC Bhattacharyya 1985) —> **Rhodiola lobulata** 1986,
"Sedum alfredii var nagasakianum" (H Hara 1947) —> **Sedum nagasakianum** 1981,
"Sedum aliciae var komarovii" (Raymond-Hamet 1912) —> **Orostachys aliciae** var **komarovii** 1999,
"Sedum bupleuroides var parvum" (HA Froderstrom 1943) —> **Rhodiola bupleuroides** var **parva** 1992,
"Sedum linearifolium var sacrum" (Raymond-Hamet 1926) —> **Rhodiola chrysanthemifolia** ssp **sacra** 1980,
"Sedum maximum var caucasicum"(AA Grossheim 1930) —> **Hylotelephium caucasicum** 1977,
"Sedum rosea var sino-alpinum" (HA Froderstrom 1931) —> **Rhodiola cretinii** ssp **sino-alpina** 1977,
"Sedum telephium var maximum" (C Linnaeus 1753) —> **Hylotelephium telephium** ssp **maximum** 1977,
"Sedum telephium var pluricaule"(CJI Maximowicz 1883) —> **Hylotelephium pluricaule** 1977,
"Sedum yunnanense var forrestii" (Raymond-Hamet 1912) —> **Rhodiola yunnanensis** ssp **forrestii** 1982.

Ohr, Andreas & Martina; Ger authors of *Echinocereus Online*, first electronic magazine about the genus in Eng/Ger;

Book [2001] *Die Echinocereen der Baja Calif* [w GRW Frank & RC Romer] Hirschberg; 341p,
[2006] *Eine Reise zu Mexikanischen Standorten von Echinocereus pectinatus* = "A Tour to Mex Habitats of Echinocereus pectinatus"; Ger/ Eng; 84p w 220 color photos + picture CD-ROM.

†**Ohwi**, Jisaburo (1905–1977); {Ohwi}; Japanese botanist; prof of sciences at Kyoto Imperial Univ;
desc *species*:
(Sedum) **oishii** (Japan) 1971 —> **Hylotelephium sordidum** var **oishii** by H Ohba & M Amano 1990.

†**Oku**, Hajime (–1963); Japanese journalist & horticulturist; grower & prolific writer on succ; founded periodical *Succulentarum Japonia* (continued after death by son Retsu Oku); IOS member 1955;
Book [1955] *History of Cactus in the Far East* Tokyo, Japan; Japanese; 142p,
[1956] *Baron Tanaka's Study on Cacti* Tokyo; Japanese; 127p,
[1956] *Japanese Cactus in the Era of Meiji*,
[1957] *Cactus by Linné*,
[1958] *An Intro to C&S*,
[1958] *Cactus as Hobby* Tokyo; Japanese; 159p,
[1959] *Succ as a Hobby* Tokyo; Japanese; 207p,
[1961] *Cacti for the Millions* Tokyo; Japanese; 158p,
[1961] *Cacti - 100 Species* Tokyo; Japanese; 126p,
[1961] *Seedlings of Cactus* Tokyo; Japanese; 110p,
[1962] *A Handbook of Cactus* Tokyo; Japanese; 273p,
[1962] *12 Months of Caci (Saboten 12 Kagetu)*; Japanese; 300p,
[1962] Illustrated *of C&OS*,
[1963] *Cultivation of Cactus Seedlings*; Japanese; 110p,
[1963] *Hobby of Cacti (Shyumi no Saboten)*; Japenese; 183p,
[1963] *Hobby of Succ (Shyumi no Taniku Shyokubutu)*; Japanese; 208p,
[1963] *A Handbook of Succ Plants (Tanikushokubutu Handbook)* Tokyo; Japanese; 279p.

Olaine, [Olanie,] Sylvie;
Book [1996] *Contribution à l'Étude des Cactacées, Épines et Aréoles* Marseille, France, French; 183p.

†**Oldenland**, [Oldeland, Oldenlandus] (Dr med) Heinrich [Henrik, Hendrik, Henricus] Bernhard [Bernard, Bernardus] (1663–1697); {Oldenl.}; Danish physician, land surveyor & botanist; studied medicine w P Hermann at Leiden Univ, Netherlands; to Cape 1688; joined Isaq Schrijver's expedition in discovering new plants in Karoo area of RSA 1689; master gardener & superintendent at Dutch East India Company garden in Cape Town, RSA 1693; searched for medicinal plants; sent a large herbarium of plants back to The Netherlands; used pre-Linnaeus Latin bot plant names; spouse Margaretha Hendrina [née van Otteren] Oldenland;
***species* grown by HB Oldenland at the Company garden:**
(Aloe) **africana** (Eastern Cape) 1690s (desc by P Miller 1768; however, HB Oldenland first named this species in 1690s as "Aloe africana caulescens, foliis minus glaucis caulem amplectentibus, dorsi parte superiore spinosa" [pre-Linnaeus] & was desc as such by C Commelin

1703),

(Aloe) **arborescens** (RSA, Malawi, Zimbabwe, Mozambique) 1690s (desc by P Miller 1768; however, HB Oldenland first named this species in 1690s as “Aloe africana caulescens, foliis glaucis caulem amplectentibus” [pre-Linnaeus] & was desc as such by C Commelin 1701),

(Aloe) **brevifolia** (Western Cape) 1689 (desc by P Miller 1771; however, HBOldenland first named this species in 1690s as “Aloe africana caulescens, foliis glaucis brevisimis, foliorum summitate interna & externa nonnihil spinosa” [pre-Linnaeus] & was desc as such by C Commelin 1703),

(Aloe) **commixta** (Western Cape) 1690s (desc by A Berger 1908; however, HB Oldenland first named this species in 1690s as “Aloe africana caulescens foliis magis glaucis caulem amplecten-tibus, & in mucronem obtusiorem definentibus” [pre-Linnaeus] & was desc as such by C Commelin 1703),

(Aloe) **disticha** (Western Cape) 1690s (desc by C Linnaeus 1753; however, HB Oldenland first named this species in 1689 as “Aloe africana flore rubro folia maculis ab utraque parte albicantibus notato” [pre-Linnaeus]) —> **Gasteria disticha** by AH Haworth 1827,

(Aloe) **ferox** (Western Cape, Eastern Cape, Free State, Natal, Lesotho) 1690s (desc by P Miller 1768; however, HB Oldenland first named this species in 1690s as “Aloe africana caulescens, foliis glaucis caulem amplectentibus latioribus & undiquaque spinosis” & “Aloe africana caulescens, foliis glaucis caulem amplectentibus, dorso integro spinoso” [both pre-Linnaeus] & was desc by C Commelin 1703),

(Aloe) **glauca** (Western Cape, Northern Cape) 1690s (desc by P Miller 1768; however, HB Oldenland first named this species in 1690s as “Aloe Africana folis glaucis margine & dorsi parte superiore spinosis flore rubro” [pre-Linnaeus] & was desc as such by C Commelin 1701 & 1703),

(Aloe) **variegata** (RSA) 1680s (desc by C Linnaeus 1753; however, HB Oldenland first named this species around 1690s as “Aloe Africana humilis foliis ex albo & viridi variegatis” [pre-Linnaeus] & was desc as such by C Commelin 1703),

(Haworthia) **venosa** (RSA) 1690s (desc by AH Haworth 1821; however, HB Oldenland first named this species around 1690s as “Aloe africana folio non nihil reflexo, floribus ex albo et rubro variegatis” [pre-Linnaeus] & desc as such by C Commelin),

(Haworthia) **marginata** (RSA) 1690s (desc by WT Stearn 1938; previously as Aloe marginata by C de Lamarck 1783; however, HB Oldenland first named this species around 1690s as “Aloe africana folio in summitate triangulari, rigidissimo marginibus albicantibus” [pre-Linnaeus] & desc as such by C Commelin);

<u>var*iety* grown by Commelin at the</u> <u>Company garden</u>:

(Aloe brevifolia var) **depressa** (Western Cape) 1689 (desc by AH Haworth 1880; however, it was probably HB Oldenland that first named this variety as species “Aloe Africana caulescens, foliis glaucis brevioribus caulem amplectentibus, foliorum parte interna & externa nonnihil spinosa” [pre-Linnaeus] & was desc as such by C Commelin 1701 & 1703),

(Aloe disticha var) **plicatilis** (Western Cape) (desc by C Linnaeus 1753) —> **Aloe plicatilis** by P Miller 1768; however, HB Oldenland first named this species around 1695 as “Aloe africana arborescens montana non spinosa folio longissimo, plicatili, flore rubrod” [pre-Linnaeus] & was desc as such by C Commelin 1701,

(Aloe perfoliata var) **humilis** (Western Cape, Eastern Cape) 1689–90 (desc by C Linnaeus 1753 —> **Aloe humilis** by P Miller 1771; however, HB Oldenland first named this species around 1695 as "Aloe africana humilis spinis inermibus & verrucis obsita" [pre-Linnaeus] & was desc as such by C Commelin 1701 & 1703).

Oldfield, Sara (1955–); British botanist & environmentalist; BSc in geography & botany at Bedford College, Univ of London, Eng 1976; senior research officer at UNEP-WCMC 1995–98; global programmes dir at Fauna & Flora International 1998–2005; SSC group secretary/chair at IUCN 1987–2009 & member of c&s specialist group; secretary general at Bot Gardens Conservation International May 2005~; IOS member 1984;
Book [1997] *C&S Plants—Status Survey & Conservation Action Plan* Cambridge, Eng; Eng; 212p; (compiled by her).

†**Olearius**, (Dr) Johann Christoph (17 Sep 1669–31 Mar 1747); Ger theologian, numismatist & historian; PhD in Jena 1691; as Arnstädter superintendent of his church, he reprimanded musician Johann Sebastian Bach (1685–1750) for his surprising variations & irrelevant ornaments to church hymns;
Book [1713] *Aloedarium Historicum (Historische Beschreibung der Aloen, Welche in Europa Gebluhet Haben)* Arnstadt; 48p; (Agave).

Oliveira Serrano, Elisabeth de;
Book [1983] *Bibliografia Sinaletica Sobre a Cultura do Sisal (Agave sp)* Brasilia; 170p.

†**Oliver**, Daniel (6 Feb 1830–21 Dec 1916); {Oliv.}; British botanist; assistant at Kew herbarium 1858–64, librarian 1860–90 & keeper 1864–90; prof of botany at Univ College, London 1861–88; FLS 1853; FRS 1863; Linnean Medal 1893;
Book [1868–1937] *Flora of Tropical Africa* [w WT Thiselton-Dyer & D Prain] (all 3 as editors) Ashford, Eng; Eng; (in 10 Vols);

[1868] Vol 1; 479p;	[1905–06] Vol 4, Part 2; 596p;
[1871] Vol 2; 613p;	[1899–1900] Vol 5, 546p;
[1877] Vol 3; 544p;	[1909–13] Vol 6, Part 1; 1,094p;
[1896–98] Vol 7; 595p;	[1916–17] Vol 6, Part 2; 371p;
[1901–02] Vol 8; 548p;	[1917–34] Vol 9; 1,132p;
[1902–04] Vol 4, Part 1; 647p;	[1937] Vol 10; 192p;

desc *species*:
(Aizoon) **virgatum** (Angola, Namibia) 1871,
(Brachystelma) **plocamoides** (Zambia, Malawi, Tanzania, Zimbabwe) 1875,
(Chlorocyathus) **monteiroae** (Namibia, Angola, Mozambique, Botswana, Tanzania, Zimbabwe) 1887 (na R Monteiro) —> **Raphionacme monteiroae** by NE Brown 1907,
(Cryptolepis) **monteiroae** (Botswana, Mozambique, Zambia, Zimbabwe, Natal, Mpumalanga, North-West, Swaziland) 1887 (na (Mrs) JJ Monteiro) —> **Stomatostemma monteiroae** by NE Brown 1902,
(Dorstenia) **zanzibarica** (Kenya, Tanzania, Zanzibar) 1886,

(Lasiostelma) **sandersonii** (Eastern Cape, Natal) 1883 (na J Sanderson) —> **Brachystelma sandersonii** by NE Brown 1908,
(Mesemb) **dimorphum** (Angola) 1871 —> **Psilocaulon dimorphum** by NE Brown 1928,
(Monsonia) **mossamedensis** (Namibia, Angola) 1868,
(Notonia) **grantii** [w WP Hiern] (Kenya, Tanzania, Ethiopia, Somalia, Mali, Guinea, Zaire) 1877 —> **Senecio grantii** by BJM Zonneveld 2004,
(Sesuvium) **congense** (Angola, Congo) 1871,
(Portulaca) **saxifragoides** (Angola) 1868,
(Portulaca) **sedoides** (Angola) 1868,
(Tetragonia) **reduplicata** (Namibia) 1871,
(Trianthema) **salsoloides** (Sudan, Limpopo) 1871;
desc *variety*:
(Othonna carnosa var) **discoidea** (Eastern Cape) 1887.

Oliver, (Dr) Edward [**Ted**] George Hudson (14 Oct 1938–);
RSA botanist & research taxonomist; PhD at Univ of Cape Town 1964;
curator of government herbarium in Stellenbosch 1964-66 & 1984-96;
S African liaison botanist at Kew, London 1967-69; research taxonomist at Stellenbosch 1970-75 & 1982-83; curator at National Herbarium, Pretoria 1976-81; research taxonomist at Compton Herbarium, National Bot Institute, Kirstenbosch 1996-2006; primary interest is genus Erica; explored in RSA; spouse Inge M [née Nitzsche] Oliver (–7 Jul 2003);
Book [1991] *Systematics, Biology & Evolution of some South African Taxa* {w HEI Hartmann, P Goldblatt, HP Linder, BE van Wyk] Cape Town, RSA; 288p;
disc *species*:
(Tylecodon) **aridimontanus** (Namibia) (desc by G Williamson 1995).

Oliver, Ian B (1955–); Zambian horticulturist; studied at the Pretoria Technikon and holds a national diploma in Parks and Recreation Administration and a national diploma in horticulture; curator at Orange Free State National Botanical Garden 1983–1992 &
at Karoo National Botanical Garden 1992~;
Book [1994] *Growing S African Succ* Claremont, RSA; 54p,
[1998] *Grow Succ* (rev edition of *Growing S African* Succ) Kirstenbosch, RSA; Eng; 63p w 88 color photos.

Olmos, JF Ballester — See **Ballester Olmos**, JF.

†**Olowinski**, (Mr) ?;
***species* nah:**
(Haageocereus) **olowinskianus** (Peru) (desc & nah by C Backeberg 1936) —> **Haageocereus acranthus** ssp **olowinskianus** by C Ostolaza 1998.

†**Olsen**, Paul G;
Book [1935] *Peegee's Cactus Recipes* Tucson, Arizona; Eng; 20p w over 60 recipes.

Olwell, Peggy; US botanist; MS in biology at Southern Methodist Univ, Dallas, Texas; worked at The Center for Plant Conservation, Jamaica Plain, Massachucetts; manager of federal Bureau of Land Management endangered species program & US Natl Park Service; IOS member 1990;
Book [1985] *Brady Pincushion Cactus (Pediocactus bradyi) Recovery Plan* Albuquerque, New Mex; 68p,
[1985] *Knowlton Cactus (Pediocactus knowltonii) Recovery Plan* Albuquerque; 53p,
[1986] *Siler Pincushion Cactus (Pediocactus sileri) Recovery Plan* Albuquerque; 57p,
[1986] *Nichol Turk's Head Cactus (Echinocactus horizonthalonius var nicholii) Recovery Plan* [w TR van Devender, TC Gibson, M Butterwick & CJ May] Albuquerque; 68p.

Omino, (Dr) Elizabeth Anyango (1962–); {Omino}; Nairobi, Kenyan botanist;
PhD at Wageningen Univ, Netherlands 1996; lecturer at Jomo Kenyatta Univ of Agriculture & Technology, Juja, Kenya 1993~; regional coordinator for Plant Resources of Tropical Africa project, Nairobi, Kenya 2001~; explored in Kenya;
Book [2002] *Adenium* section of *Apocynaceae* Part 1 from *Flora of Tropical East Africa* Rotterdam, Netherlands; Eng; 3p.

†**Ommanney**, Henry Travers (25 Dec 1849–30 May 1936); British civil servant & army officer to India 1868 & to South Africa 1901; Indian civil servant 1868–98;
collected near Johannesburg, RSA 1901–02;
species **nah:**
(Ipomoea) **ommanneyi** (Botswana, Zimbabwe, Limpopo, Northern Cape, North-West, Gauteng) (desc & nah by AB Rendle 1902).

†**Ono**, R; Japanese:
Book [1718] *Honzo-Komoku-Keima*; Japanese; (descriptions of some cacti).

Onore, (Dr) MJ; PhD at Univ of Arizona, Tucson 1967;
Book [1967] *I. Identities of the Polysaccharides in Saguaro Cactus.* ***II****. Identification of the Monoterpenoids in the Essential Oil of Sand Sage Brush Artemisia filifolia (Torr.)*; Eng; 83p; (PhD thesis).

Oosthuizen, CP;
disc *species*:
(Euphorbia) **gamkensis** (Western Cape) c1943 (desc by JG Marx 1999).

Opel, (Prof) (Dr) Matthew [**Matt**] Robert (16 Jun 1971–); US botanist;
PhD in botany w thesis "The Morphology & Evolution of the genus Conophytum NE Brown (Aizoaceae)" at Univ of Connecticut; prof of botany at Univ of Connecticut, Storrs; explored in RSA;
disc *species*:

(Tylecodon) **opelii** (RSA) 2000 (desc & nah by EJ van Jaarsveld & SA Hammer 2011).

†**Opiz**, Philipp [Filip] Maximilian (5 Jun 1787–20 May 1858); {Opiz}; Czech Rep botanist & administrator; cameral beamter in Czaslau 1805 & in Pardubitz 1807; kanzelist in Praha 1814;
transfer *genus*:
"Jovisbarba" (FC Mertens & WDJ Koch 1831) —> **Jovibarba** 1852.

†**Orcutt**, Charles Russell (27 Apr 1864–25 Aug 1929); {Orcutt}; US naturalist, nurseryman, malacologist & botanist in San Diego, Calif; collected in s Calif, Arizona, Texas, Baja Calif, mainland Mex, Jamaica & Haiti 1882~; founder & editor of *The West Amer Scientist* journal 1884–1919; spouse Olive E [née Eddy] Orcutt, physician;
Book [1885] *Flora of Southern & Lower Calif; Eng; 13p; (a check list of plants),*
[1897–1902] *Review of the Cactaceae of the US* San Diego, Calif; Eng; (in 3 Vols),
[1902] *Cactaceae* San Diego, Calif; 17p,
[1906] *Cactography* San Diego, Calif; Eng; 48p; (& 1926; 8p),
[1907] *A Price List of Books, Calif Bulbs, Cacti, Curios, Plants, Real Estate, Seeds, etc*; Eng; 32p,
[1907–12] *American Plants* San Diego, Calif; Eng; (in 3 Vols);
desc *genera*:
Bisnaga 1926 (syn of Ferocactus B&R),
Chilita 1926 (syn of Mamm HAWORTH);
***species* nah:**
(Mamm) **orcuttii** (Puebla) (desc & nah by F Boedeker 1930),
(Stylophyllum) **orcuttii** (Calif, Baja Calif & island Coronados) (desc & nah by JN Rose 1903) —> **Dudleya attenuata** ssp **orcuttii** by RV Moran 1943;
disc *species*:
(Dudleya) **acuminata** (Baja Calif, Cedros Island) 1903 (desc by JN Rose 1903),
(Dudleya) **brevipes** (Baja Calif) 1903 (desc by JN Rose 1903),
(Echinocereus) **arizonicus** (Arizona, New Mex, Mex) 1926 (disc by him 1922),
(Escobaria) **orcuttii** (Arizona, New Mex, Texas) 1926 (desc & nah by F Boedeker 1933) —> **Escobaria sneedii** ssp **orcuttii** by JM Luthy 1999;
desc *species*:
(Agave) **pringlei** (Baja Calif) 1883 (na CG Pringle) —> **Agave deserti** ssp **pringlei** by HS Gentry 1978,
(Cereus) **cochal** (Baja Calif) 1889 (disc by him 1886) —> **Myrtillocactus cochal** by NL Britton & JN Rose 1909,
(Echinocactus) **chrysacanthus** (Cedros Island, Baja Calif) 1899 —> **Ferocactus chrysacanthus** by NL Britton & JN Rose 1922,
(Echinocactus) **fordii** (Baja Calif) 1900 (na LM Ford) —> **Ferocactus fordii** by NL Britton & JN Rose 1922,
"Echinocactus emoryi" (GT Engelmann 1856) —> **Ferocactus emoryi** 1926;
(Echinocereus) **boyce-thompsonii**(Arizona) 1926 (na W Boyce Thompson) —> **Echinocereus fasciculatus** ssp **boyce-thompsonii** by NP Taylor 1997,

(Mamm) **thornberi** (Arizona) 1902 (na JJ Thornber),

(Opuntia) **parishii** (Calif, Nevada, Arizona) 1896 (na SB & WF Parish) —> **Corynopuntia parishii** by FM Knuth 1936;

transfer *species*:

"Cactus densispinus" (JM Coulter 1894) —> **Mamm densispina** 1926,

"Mamm echinus" (GT Engelmann 1856) —> **Coryphantha echinus** 1922,

"Mamm difficilis" (FAL Quehl 1908) —> **Coryphantha difficilis** 1926,

"Neomammillaria cerralboa" (NL Britton & JN Rose 1923) —> **Mamm cerralboa** 1926,

"Neomammillaria evermanniana" (NL Britton & JN Rose 1923) —> **Mamm evermanniana** 1926,

"Neomammillari johnstonii" (NL Britton & JN Rose 1923) —> **Mamm johnstonii** 1926,

"Neomammillaria lloydii" (NL Britton & JN Rose 1923) —> **Mamm lloydii** 1926,

"Neomammillaria nunezii" (NL Britton & JN Rose 1923) —> **Mamm nunezii** 1926,

"Neomammillaria peninsularis" (NL Britton & JN Rose 1923) —> **Mamm peninsularis** 1926,

"Neomammillaria scrippsiana" (NL Britton & JN Rose 1923) —> **Mamm scrippsiana** 1926,

"Neomammillaria standleyi" (NL Britton & JN Rose 1923) —>**Mamm standleyi** 1926;

transfer *variety*:

"Echinocactus viridescens var cylindraceus" (GT Engelmann 1852) —> **Ferocactus cylindraceus** 1926.

Orlando, (Dra) Anna Maria; worked at Orto Botanico dell'Universita di Palermo (Bot Garden of the Univ of Palermo); IOS member 1986;

Book [1990] *Manuale per L'Identificatione Delle Cactaceae – Plante Grasse 1989* [w M Sajeva] 32p,

[1992] *Handbook for the Identification of Cactaceae & Other Succ* [w M Sajeva, A Cattabriga & E Oddo] Bologna, Italy; Italian/Eng; 32p.

Orlando, Giuseppe (5 Nov 1965–); Italian; Tenerife, Canary Islands;

disc *species*:

(Aloe) **orlandi** [w M El-Azzouni] (Somalia) 2003 (desc by JJ Lavranos 2006 & na G Orlando),

(Echidnopsis) **fartaqensis** [w TA McCoy] (Yemen) 2000 (desc by them 2003);

desc *species*:

(Aloe) **seibanica** [w M El-Azzouni] (Yemen) 2010 (disc by them 2004),

(Echidnopsis) **plowesiana** (Djibouti) 2004 (disc by him 2002 & na DCH Plowes).

Ormindo, [Ormindo Bastos Tavares,] Paulo; Brazilian bot artist in Niteroi, Rio de Janeiro; teacher at Jardim Botânico do Rio de Janeiro;

***species* nah:**

(Rhipsalis) **ormindoi** (Rio de Janeiro) (desc & nah by NP Taylor & DC Zappi 1997 & disc by CMB Correia 1990).

†**Orpen**, Redmond (fl. 1921); RSA in Kleinzee, Northern Cape;
disc *species*:
(Mesemb) **orpenii** (Northern Cape) c1918 (desc & nah by NE Brown 1921) —> **Prepodesma orpenii** by NE Brown 1931.

†**Orpet**, Edward Owen (11 Feb 1863–12 Nov 1956); {Orpet}; British to US 1887; horticulturist, landscape designer & nurseryman; superintendent of Santa Barbara city parks, Calif 1921–30; owner of nursery of rare plants, bulbs & c&s;
collected in US; [?first spouse Alice Beatrice Orpet (12 Dec 1862–3 Aug 1931);
second spouse Mildred [née Selfridge] Orpet (17 May 1885–2 Oct 1975)?;]
Book [1930] *C&OS (an annotated list of plants cultivated in the Santa Barbara, Calif, region)* [w R Hoffmann, EE Walther & J West] Santa Barbara, Calif; Eng; 107p; (edited by P Chase);
***species* nah:**
(Graptopetalum) **orpetii** (Arizona) (desc & nah by EE Walther 1930 & disc by E Howard 1929).

†**Orssich**, (Countess) Beatrix [Beatrice] (1909–24 Sep 1994); Brazil;
grew these plants in her garden, Teresopolis, Rio de Janeiro, Brazil;
disc *species*:
(Rhipsalis) **hoelleri** (Espirito Santo) 1987 (desc by WA Barthlot & NP Taylor 1995 & na W Höller),
(Schlumbergera) **orssichiana** (Rio de Janeiro) (desc & nah by WA Barthlott & AJS McMillan 1978).

†**Ortega**, (Prof) (Dr med) Casimiro Gómez de (4 Mar 1741–30 Aug 1818); {Ort.}; Spanish physician & botanist; first prof of Madrid royal bot garden 1771–1801;
sent plants to J Banks; FRS 1777; spouse Teresa [née Lopez] Ortega;
Book [1797–1800] *Novarum aut rariorum Plantarum* Madrid, Spain; 138p;
desc *species*:
(Agave) **scabra** (Mex, Guatemala, Honduras, El Salvador) 1797,
(Cotyledon) **mucizonia** (Portugal, Spain, Algeria, Morocco) 1772 —> **Sedum mucizonia** by Raymond-Hamet 1929,
(Mozinna) **cinerea** (Arizona, Baja Calif, Sonora) 1799 —> **Jatropha cinerea** by J Muller Argoviensis 1866,
(Sesuvium) **revolutifolium** (Cuba, S Amer) 1797.

Ortega, Francisco [Chico]; Mex;
***genus* nah & his family:**
Ortegocactus (Oaxaca) (desc by EJ Alexander 1961);
disc *species*:
(Ortegocactus) **macdougallii** (Oaxaca) 1938 (desc by EJ Alexander 1961 & na TB MacDougall).

†**Ortgies**, Karl Eduard (19 Feb 1829–6 Dec 1916); {Ortg.}; Ger to Eng 1848 & to Switzerland 1855~; botanist & horticulturist; superintendent at Zurich Univ bot garden (succeeding EA von Regel) 1855~; contributed to journal *Gartenflora*, edited by E von Regel;
species **nah:**
(Oxalis) ortgiesii (Peru) (desc & nah by EA von Regel 1875);
desc *species*:
(Agave) **pubescens** [w EA von Regel] (Oaxaca, Morelos, Chiapas) 1874,
(Tradescantia) **navicularis** (Mex) 1877 —> Callisia mavicularis by DR Hunt 1983,
(Yucca) **schidigera** (Calif, Arizona, Nevada) 1871.

Osada, Seiichi (1946–); Japanese horticulturist; graduate of Tokyo Univ of Agriculture; owner of *Cactus Osada Co.* nursery in Numazu, Japan; collected in Mex late 1900s;
Book [1985] *Enjoy C&S* Osaka, Japan; Japanese; 112p w 283 color photos,
[1987] *C&S in Nature* Tokyo, Japan; index of titles for photos in Japanese/Eng; 82p; all color photos—no text,
[1994] *Learn in a Weekend (Cactaceae)*; 94p;
disc species:
(Echeveria) **lilacina** [w RA Foster & CE Glass] (Nuevo Leon) 1971(desc by MW Kimnach & RV Moran 1980).

Osman, Ahmed;
disc *species*:
(Caralluma) **lamellosa** [w MI Thulin, A Khalid & A Dahir] (Somalia) 2001 (desc by MG Gilbert & MI Thulin 2005) —> **Pleuralluma lamellosa** by DCH Plowes 2008.

†**Osten**, (Dr) Cornelius [Cornelio von] (11 Feb 1863–6 Sep 1936); {Osten}; Ger botanist & businessman in Uruguay; PhD at Gottingen Univ, Ger 1934; collected in Argentina, Bolivia, Paraguay & Uruguay;
Book [1941] *Notras Sobre Cactaceae* Montevideo, Uruguay; Spanish; 155p;
desc *species*:
(Gymnocalycium) **schroederianum** (Argentina, Uruguay) 1941 (disc by L Schroeder 1922 & nah).

†**Ostenfeld**, (Prof) (Dr) Carl Emil Hansen (3 Aug 1873–16 Jan 1931); {Ostenf.}; Danish systematic botanist; PhD at Kjøbenhaven 1906; worked at bot museum 1900–18; prof of botany at Veternary College 1918–23; dir of bot garden in Kjøbenhaven 1923~; collected in Australia, Haiti & Indonesia;
desc *species*:
(Crassula) **miriamiae** (Western Australia) 1918 (na Miriam Davis) —> **Crassula colorata** var **miriamiae** by HR Tolken 1981,
(Tetragonia) **eremaea** (Australia) 1921;
transfer *species*:
"Tillaea colorata" (CGD Nees 1844) —> **Crassula colorata** 1918.

†**Osterholt**, Clemens;
Book [1899] *Beiträge zur Anatomie Einiger Aloineenblatter, mit Besonderer Berücksichtigung Ihres Mechanischen Aufbaues* Kiel, Ger; Ger; 42p.

Ostolaza, [Ostolaza Nano] (Dr med) **Carlos** (5 Sep 1936–); {Ostolaza}; Peruvian botanist, physician & abdominal surgeon at Social Security Hospitals, Lima 1963–90; MD at San Marcos Univ, Lima, Peru 1963; founded Peruvian C&SS 1987 & current pres; editor of Spanish yearbook 'Quepo' of Peruvian C&SS 1987~; student of Peruvian cacti, especially conservation & ethnobotany of cacti; writer of articles in journals in US, Eng, Ger, Italy & Monaco; IOS member 1986; CSSA Fellow award 2001; spouse Carmen Rosa [née Avendano, AvendaZo] Ostolaza;
Book [2002] *A Cactus Odyssey – Journeys in the Wilds of Bolivia, Peru, & Argentina* [w R Kiesling & J Mauseth] Portland, Oregon; Eng; 306p;
desc *species*:
(Islaya) **omasensis** [w T Mischler] (Peru) 1983 (disc C Ostolaza 1983) —> **Eriosyce islayensis** ssp **omasensis** by GJ Charles 2006;
transfer species:
"Armatocereus balsasensis" (F Ritter 1981) —> **Armatocereus rauhii** ssp **balsasensis** 1998,
"Borzicactus faustianus" (C Backeberg 1936) —> **Cleistocactus acanthurus** ssp **faustianus** 1998,
"Borzicactus tessellates" (JF Akers & AFH Buining 1954) —> **Cleistocactus fieldianus** ssp **tessallatus** 1998,
"Haageocereus acanthocladus" (WHH Rauh & C Backeberg 1957) —> **Haageocereus pseudomelanostele** var **acanthocladus** 2003,
"Haageocereus aureispinus" (WHH Rauh & C Backeberg 1957) —> **Haageocereus pseudomelanostele** var **aureispinus** 1998,
"Haageocereus olowinskianus" (C Backeberg 1936) —> **Haageocereus acranthus** ssp **olowinskianus** 1998,
"Haageocereus turbidus" (WHH Rauh & C Backeberg 1957) —> **Haageocereus pseudomelanostele** ssp **turbidus** 1998,
"Loxanthocereus hystrix" (WHH Rauh & C Backeberg 1957) —> **Cleistocactus hystrix** 1998,
"Loxanthocereus pachycladus" (WHH Rauh & C Backeberg 1957) —> **Cleistocactus pachycladus** 1998,
"Loxanthocereus pullatus" (WHH Rauh & C Backeberg 1957) —> **Cleistocactus acanthurus** ssp **pullatus** 1998,
"Loxanthocereus xylorhizus" (F Ritter 1981) —> **Cleistocactus zylorhizus** 1996,
"Monvillea jaenensis" (WHH Rauh & C Backeberg 1957) —> **Praecereus euchlorus** ssp **jaenensis** 1998;
transfer *variety*:
"Rauhocereus riosaniensis var jaenensis" (WHH Rauh 1958) —> **Rauhocereus riosaniensis** ssp **jaenensis** 1998.

Otero, Felipe (1935–); Mex City, Mex; collector of cacti & Crassulaceae in n Mex;
***species* nah:**
(Sedum) **oteroi** (Oaxaca) (desc & nah by RV Moran 1977);
disc *species*:
(Mamm) **hernandezii** [w E Hernandez] (Oaxaca) 1978 (desc by CE Glass & RA Foster 1983 & na E Hernandez),
(Mamm) **oteroi** (Oaxaca) 1971 (desc & nah by CE Glass & RA Foster 1975),
(Mamm) **tepexicensis** (Oaxaca) 1988 (desc by J Meyran 1991) —> **Mamm longiflora** ssp **tepexicensis** by JM Luthy 2000;
***variety* nah:**
(Echeveria setosa var) **oteroi** (Oaxaca) (desc & nah by RV Moran 1993);
disc *variety*:
(Echeveria setosa var) **deminuta** (Oaxaca) 1975 (desc by J Meyran 1989).

Otte, Viktor;
Book [1960] *30 Jahre Gesellschaft Österreichischer Kakteenfreunde 1930–1960* Wien, Ger; Ger; 24p.

†**Otto**, ?; assistant to MK Dinter;
disc *species*:
(Mesemb) **hugo-schlechteri** (Namaq) 1924 (desc by A Tischer 1926 & na Hugo & Max Schlechter) —> **Titanopsis hugo-schlechteri** by MHG Schwantes 1927.

†**Otto**, Carlos [Karl, Carl] Frederico [Friedrich] **Eduardo** [Eduard]
(2 Jan 1812–11 Sep 1885); {Ed.Otto}; Ger botanist; curator at Hamburg bot garden c1845~; interested in orchids; collected in Cuba, US & Venezuela 1838–41;
desc *species*:
(Gesneria) **magnifica** [w AG Dietrich] (Brazil) 1833 —> **Sinningia magnifica** by HJ Wiehler 1975.

†**Otto**, Christoph **Friedrich** (4 Dec 1783–7 Dec 1856); {Otto}; Ger botanist & gardener; conservator at Berlin Royal Bot Garden from 1805–43; dir of Schöneberg horticultual school 1823–43; co-producer [w AG Dietrich] of *Allgemeine Gartenzeitung* magazine 1833~;
Book [1820–28] *Icones Plantarum Selectarum Horti Regii Botanici Berolinensis cum Descriptionibus et Colendii Ratione* [w JHF Link] Berlin; Latin; 128p; (in 2 Vol),
[1827] *Uber die Gattungen Melocactus und Echinocactus* [w JHF Link] Berlin, Ger; Latin?; 20p; (reprint Erlenbach, Switzerland 1981; Ger; 36p),
[1828–31] *Icones Plantarum Rariorum Horti Regii Botanici Berolinensis* [w JHF Link] Berlin; 96p,
[1833–51] *Allgemeine Gartenzeitung*; [w AG Dietrich] Berlin, Ger; Ger; (horticultural magazine);
[1833–34] Jahrgang 1&2; (1989 reprint w 95p);
[1834–36] Jahrgang 3&4; (1990 reprint w 125p);

[1837–38] Jahrgang 5&6; (1993 reprint w 180p),

[1843–50] *Abbildbung und Beschreibung Bluhender Kacteen* [w LKG Pfeiffer] Berlin;

desc *genera*:

Echinocactus [w JHF Link] (Mex, Calif, Arizona, New Mex, Texas, Nevada, Utah) 1827,

Melocactus [w JHF Link] (Mex, Central Amer, West Indies, Venezuela, Brazil, Colombia, Peru) 1827 (credit for genus name given to J Tournefort),

Pachyphytum [w JHF Link & JF Klotzsch] (Mex) 1841;

***species* nah:**

(Cactus) **ottonis** (Argentina, Uruguay, Brazil, Paraguay) (desc & nah by JGC Lehmann 1827) —> **Parodia ottonis** by NP Taylor 1987,

(Mamm) **ottonis** (Mex) (desc & nah by LGK Pfeiffer 1838) —> **Coryphantha ottonis** by AC Lemaire 1868;

disc *species*:

(Opuntia) **caracasana** (Venezuela, Netherlands Antilles, El Salvador, Trinidad, Tobago) 1849 (desc by JFM Salm-Dyck 1850);

desc *species*:

(Begonia) **dregei** [w FG Dietrich] (Natal, Eastern Cape) 1836 (na JF Drege),

(Begonia) **paltata** [w AG Dietrich] (Mex) 1841,

(Cereus) **tortuosus** [w AG Dietrich] (Argentina, Paraguay, Uruguay) 1838 —> **Harrisia tortuosa** by NL Britton & JN Rose 1920,

(Echinocactus) **denudatus** [w JHF Link] (Brazil, Argentina) 1828 —> **Gymnocalycium denudatum** by FL Mittler 1844,

(Echinocactus) **oxygonus** [w JHF Link] (Argentina, Brazil, Paraguay, Uruguay) 1830 —> **Echinopsis oxygona** by LKG Pfeiffer & CF Otto 1838,

(Echinocactus) **phyllacanthus** [w AG Dietrich] (Mex) 1836 —> **Stenocactus phyllacanthus** by AW Hill 1933,

(Echinocactus) **platyacanthus** [w JHF Link] (Mex) 1827,

(Mamm) **glanduligera** (Nuevo Leon, San Luis Potosi, Tamaulipas) 1848 —> **Coryphantha glanduligera** by AC Lemaire 1868,

(Mamm) **rhodantha** [w JHF Link] (Hidalgo, Mexico) 1829,

(Melocactus) **besleri** [w JHF Link] 1827 (na B Besler),

(Pachyphytum) **bracteosum** [w JHF Link & JF Klotzsch] (Hidalgo) 1841 (disc by CA Ehrenberg 1838),

(Tradescantia) **crassula** [w JHF Link] (Brazil) 1828;

transfer *species*:

“Cereus macracanthos” (JFM Salm-Dyck 1820) —> **Melocactus macracanthos** [w JHF Link] 1827,

"Cotyledon nodulosa" (JG Baker 1869) —> **Echeveria nodulosa** 1873,

“Cotyledon stolonifera” (JG Baker 1869) —> **Echeveria stolonifera** 1873,

“Echinocactus oxygonus” (JHF Link & CF Otto 1830) —> **Echinopsis oxygona** [w LKG Pfeiffer] 1838.

Ottowa Area C&S Group; Canada;

Book [1998] *Review of the Distribution of the Native Cacti of Canada*; 115p.

†**Otzen**, Max (4 Jan 1871–10 Aug 1948); Ger to RSA 1880s & later to Namibia; succ collector of Euphorbias & other succ in Lüderitz Bay area in Namibia while working for Consolidated Diamond Mines 1920–30; interested in Euphorbias collected in RSA & Namibia; spouse Johanna [née Stewien] Otzen (2 Dec 1873–28 Aug 1955);
species **nah:**
(Lithops) **otzeniana** (Northern Cape) (desc & nah by GC Nel 1937 & disc by GC Nel c1936),
(Mesemb) **otzenianum** (Namaq) (desc & nah by MK Dinter 1923) —> **Lampranthus otzenianus** by CH Friedrich 1960;
disc *species*:
(Lithops) **dendritica** (Namibia) c1945 (desc by GC Nel 1946) —> **Lithops pseudotruncatella** ssp **dendritica** by DT Cole 1988.

Oudejans, (Prof) (Dr) Robertus [**Rob**] Cornelis Hilarius Maria (16 Oct 1943–); {Oudejans}; Dutch malacologist, embryologist & anthropodist;
PhD at Univ of Utrecht, The Netherlands 1972; prof & researcher at Univ of Utrecht 1968–2004; specialist in Euphorbiaceae; explored in Kenya 1991, Madagascar 1992, Australia 1993, Namibia 1994, Ethiopia 1995, Venezuela 1998, Zmbabwe, Zambia, Malawi, Tanzania & Zanzibar 2000, Morocco 2002 & Myanmar 2004;
Book [1990] *World Catalogue of Species Names Published in the Tribe Euphorbiaceae w their Geographical Distribution* Scherpenzeel, Netherlands; Eng; 444p,
[1993] *World Catalogue..... Supplement to above 1990 book* Scherpenzeel; 77p.

†**Oudshoorn**, **Wim** R (1935–25 Apr 2011); teacher at horticultural school in Aalsmeer, Netherlands 1961–69 & in Rijawijk 1969~;
Book [1975] *126 C&OS in Colour* Wageningen, Netherlands; Dutch; 112p w 126 color illustrations; (translated into Eng by Marian Powell; Guilford, Eng; 1978),
[1991] *Cactussen en Andere Vetplanten* Ede; 128p.

Overbeck, Cynthia;
Book [1982] *Cactus (a Lerner Natural Science Book)* Minneapolis, Minnesota; Eng/Japanese; 48p w 51 color photos; (a childrens' science book on cacti & adapted from S Hani's 1975 'The Mystery of Cacti').

†**Oviedo**, [Oviedo y Valdés,] Gonzalo [Gonçalo] Fernández [Hernández] de (Aug 1478–1557); Spanish soldier, historian & traveler of Spain's New World empire in Caribbean Islands (especially Hispaniola) 1514–56;
first spouse Margarita [née Vergara] Oviedo, second spouse Catherine [née Rivafecha] Oviedo;
Book [1526] *Sumario de la Natural y General Historia de las Indias* = "Natural & General History of the West Indies"; rare important book on the New World w earliest known (crude) woodcut engravings of Cereus & Opuntia.

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†**Pachano**, [Pachano Lalama,] (Prof) Abelardo (4 Nov 1886–13 Oct 1958); Ecuador agronomist & scientist; assisted JN Rose on expedition to S Amer 1918; prof of Natural Sciences at Juan Montalvo Institute Quito; spouse Clotilda [née Naranjo Vásconez] Pachano (1895–);
disc *species*:

(Monvillea) **diffusa** [w JN Rose & G Rose] (Ecuador, Peru) 1918 (desc by NL Britton & JN Rose 1920) —> **Praecereus euchlorus** ssp **diffuses** by NP Taylor 1997,

(Trichocereus) **pachanoi** [w JN Rose & G Rose] (Ecuador) 1918 (desc & nah by NL Britton & JN Rose 1920) —> **Echinopsis pachanoi** by H von Friedrich & GD Rowley 1974.

†**Pacheco Leao**, [Pacheco Leão,] (Prof) Antonio (11 Apr 1872–21 Jun 1931); {Pach. Leao}; Brazilian botanist; dir of Jardim Botanico, Rio de Janeiro, Brazil 1915~;

***genus* nah:**

Leocereus (Bahia, Minas Gerais) (desc & nah by NL Britton & JN Rose 1920);

***species* nah:**

(Rhipsalis) **pacheco-leonis** (Rio de Janeiro, Espirito Santo) (desc & nah by A Lofgren 1918 & disc by P de Campos Porto & JN Rose 1915).

†**Padilla**, Victoria (4 Jan 1905–Sep 1986); US educator & horticulturist; MA at Univ of Southern Calif 1933; co-founder (w MB Foster) of Bromeliad Soc International 1950, first secretary 1951–60 & editor of its journal 1960–80; collected in Mex;

Book [1961] *Southern Calif Gardens, An Illustrated History* Berkeley, Calif; Eng; 359p w 16 color photos; (includes c&s).

†**Page**, **Mary** Maud (21 Sep 1867–8 Feb 1925); British to RSA 1911; botanical artist at Bolus Herbarium, Univ of Cape Town, RSA, 1915~; explored & collected in RSA; made over 200 drawings (paintings) of succ (mostly mesembs) w some appearing in '*The Flowering Plants of Africa*' book;

***genus* nah:**

Pagella (desc & nah by S Schoenland 1921) (syn of Crassula LINNAEUS);

***species* nah:**

(Crassula) **pageae** (Northern Cape, Western Cape) (desc & nah by HR Tolken 1975),

(Mesemb) **pageae** (Bushmanland, Cape, Namaq, Namibia) (desc & nah by NE Brown 1920) —> **Conophytum pageae** by NE Brown 1922,

(Mesemb) **pageanum** (Cape) (desc & nah by HML Bolus 1927) —> **Delosperma pageanum** by MHG Schwantes 1927.

†**Painter**, Joseph Hannum (3 Feb 1879–6 Dec 1908); {J.H.Painter};

US horticulturist; assistant curator in division of plants at US Natl Museum Smith Inst 1904~; collected in Mex w JN Rose as his assistant;
***species* nah:**
(Mamm) **painteri** (Queretaro) (desc & nah by L Quehl 1917 & disc by JN Rose 1905),
(Villadia) **painteri** (Zacatecas, Jalisco, Guanajuato) (desc & nah by JN Rose 1905);
disc *species*:
(Echeveria) **byrnesii** [w JN Rose] (México) 1903 (desc by JN Rose 1905 & na EM Byrnes) —> **Echeveria secunda** fa **byrnesii** by MW Kimnach 1998,
(Echeveria) **crenulata** [w JN Rose] (Morelos) 1903 (desc by JN Rose 1911),
(Echeveria) **tolucensis** [w JN Rose] (México) 1903 (desc by JN Rose 1905),
(Mamm) **camptotricha** [w JN Rose] (Queretaro) 1905 (desc by E Dams 1906) —> **Mamm decipiens** ssp **camptotricha** by DR Hunt 1997,
(Neomammillaria) **jaliscana** [w JN Rose] (Jalisco) 1903 (desc by NL Britton & JN Rose 1923) —> **Mamm jaliscana** by F Boedeker 1933,
(Neomammillaria) **scrippsiana** [w JN Rose] (Jalisco) 1903 (desc by NL Britton & JN Rose 1923 & na EW Scripps) —> **Mamm scrippsiana** by CR Orcutt 1926.

Paiva, (Prof) (Dr) Jorge Américo Rodrigues de (17 Sep 1933–); {Parva}; prof of biologicas pela Universidade de Coimbra, Portugal;
desc *species*:
(Sempervivum) **lowei** 1867 (na RT Lowe) —> **Monanthes lowei** by PL Perez de Paz & JR Acebes 1984.

Pakenham, (Dr hc) **Thomas** Francis Dermot (14 Aug 1933–);
British 8th Earl of Longford, historian, photographer & naturalist; degree at Magdalen College, Oxford, Eng 1955; honorary Doctor of Literature at Queen's Univ, Belfast, Ireland 2004; writer on the most dramatic trees of the world; spouse Valerie Susan [née McNair Scott] Pakenham;
Book [2004] *The Remarkable Baobab* NYC; Eng; 143p.

Palanov, AV (fl. 1988); {Palanov};
disc *species*:
(Pseudosedum) **kamelinii** (Tadzhikistan) 1988 (na RV Kamelin).

Pallanca, Giacomo (23 Oct 1970–); Italian horticulturist; succ plant nurseryman in Bordighera, Italy; IOS member 1967;
Book [1977] *Le Cactee* Bordighera; 47p.

†**Pallas**, (Prof) (Dr med) Peter [Pyotr] Simon von (22 Sep 1741–8 Sep 1811); {Pall.}; Ger physician, botanist, naturalist & geographer; MD in Leiden, Netherlands 1759; physician in Netherlands & Eng 1761–66; to Russia & prof of natural history at St. Petersburg Univ 1767–95; to Crimea 1795–1810; explored succ in Russia, Crimea & Siberia 1770s–90s;
desc *species*:

(Cotyledon) **malacophylla** (Siberia, Mongolia, China, Korea, Japan) 1776 —> **Orostachys malacophylla** by FEL von Fischer 1809,
(Sedum) **populifolium** (Siberia) 1776 —> **Hylotelephium populifolium** by H Ohba 1977,
(Sedum) **quadrifidum** (Kazakhstan, USSR, Mongolia, China) 1776 —> **Rhodiola quadrifida** by FEL von Fischer & CA Meyer 1841,
(Demidovia) **tetragonioides** (tropical world wide) 1781 —> **Tetragonia tetragonioides** by CEO Kuntze 1891.

Palma, [Palma Cruz,] (Dr) Felipe de Jesus (fl. 1990–99); {F. Palma}; Mex biologist; PhD in biology 1991;
desc *species*:
(Agave) **isthmensis** [w AJ Garcia-Mendoza] (Oaxaca, Chiapas) 1993.

†**Palma**, Renzo (–2006); Peruvian horticulturist & amateur botanist; owner of large succ collection in Peru; explored around world;
***species* nah:**
(Sedum) **renzopalmae** (Peru) (desc & nah & disc by G Pino 2006).

†**Palmer**, (Sir) Arthur Hunter (28 Dec 1819–20 Mar 1898);
Irish to Australia 1838 as farmer & politician; colonial secretary & secretary for public works in Queensland 1867–81 & pres of legislative council 1881~;
spouse Cecilia Jessie [née Mosman] Palmer (1844–1885);
***species* nah:**
(Doryanthus) **palmeri** (Queensland, New S Wales) (desc by G Bentham 1873 & disc by W Hill).

†**Palmer**, (Dr med) Edward (12 Jan 1829–10 Apr 1911); {Palm.}; British to US 1849; surgeon, ethnologist, naturalist & ethnobotanist; collected in sw US & Mex 1849~; first botanist to explore Guadalupe Island 1875; collected over 100,000 specimens;
***species* nah:**
(Bombax) **palmeri** (Sonora, Sinaloa, Nayarit, Jalisco) (desc & nah by S Watson 1887) —> **Pseudobombax palmeri** by A Dugand 1943,
(Echinocereus) **palmeri** (Durango, Zacatecas, Chihuahua) 1908 (desc & nah by NL Britton & JN Rose 1922),
(Ficus) **palmeri** (desc & nah by S Watson),
(Pedilanthus) **palmeri** (Mex) (desc & nah by CF Millspaugh 1913),
(Sedum) **palmeri** (Coahuila, Nuevo Leon) (desc & nah by S Watson 1882),
(Talinum) **palmeri** (Durango) (desc & nah by JN Rose & PC Standley 1911);
disc *species*:
(Cereus) **alamosensis** (Sonora, Sinaloa) 1890 (desc by JM Coulter 1896) —> **Stenocereus alamosensis** by AC Gibson & KE Horak 1979,
(Echeveria) **cuspidata** (Coahuila, Nuevo Leon) 1902 (desc by JN Rose 1903),
(Echeveria) **walpoleana** (San Luis Potosi, Nuevo Leon, Hidalgo, Tamaulipas) 1903 (desc by

JN Rose 1905 & na FA Walpole),
(Euphorbia) **sloanei** (Guerrero) 1894 (desc by LC Wheeler 1939 & na BL Sloane),
(Mamm) **neopalmeri** (San Benito Island off Baja Calif) 1889 (desc & nah by RT Craig 1945),
(Neomammillaria) **longiflora**(Durango) 1897 (desc & nah by NL Britton & JN Rose 1923) —> **Mamm longiflora** by A Berger 1929,
(Opuntia) **megarrhiza** (San Luis Potosi) 1905 (desc by JN Rose 1906),
(Sedum) **filiferum** (Chihuahua) (desc by S Watson 1885) —> **Graptopetalum filiferum** by J Whitehead 1943,
(Yucca) **rostrata** (Texas, Coahuila, Chihuahua) 1880 (desc by WA Trelease 1902),
(Yucca) **utahensis** (Utah, Arizona) 1870 (desc by SMA McKelvey 1947) —> **Agave elata** var **utahensis** by JL Reveal 1977,
(Yucca) **verdiensis** (Arizona) 1866 (desc by SMA McKelvey 1947) —> **Agave elata** var **verdiensis** by JL Reveal 1977;
variety **nah:**
(Dioscorea macrostachya var) **palmeri** (desc & nah by CV Morton 1936).

†**Palmer**, Evelyn [Eve] Mary (20 Feb 1916–24 Oct 1998); Pretoria, RSA; writer known for her book 'The Plains of Camdeboo'; spouse Jeoffrey E Jenkins (1920–2001);
Book [1972–73] *Trees of Southern Africa - Covering All Known Indigenous Species in the Rep of South Africa, South-west Africa, Botswana, Lesotho & Swaziland* [w N Pitman]; (in 3 Vols, including aloes, euphorbias & other succ);
[1972] Vol 1; 703p;
[1973] Vol 2; 794p;
[1973] Vol 3; 739p,
[1977] *A Field Guide to the Trees of Southern Africa* London, Eng; 352p w 32p of color plates & 670 line drawings by Rhona Collett.

†**Palmer**, Frederic T (fl. 1867); {F.Palmer}; French horticulturist;
Book [1867] *Culture des Cactées - Suivie d'une Description Des Principales Espèces et Variétés* Paris, France; French; 216p.

Palzkill, (Prof) (Dr) David A; US; PhD in horticulture & plant pathology at Univ of Wisconsin, Madison; prof at Univ of Arizona, Tucson; worked on alternate crops for dry regions w emphasis on jojoba; owner of nursery in Tucson;
Book [2009] *Adenium: Sculptural Elegance, Floral Extravagance* [w MA Dimmitt & GE Joseph] Tucson; Eng; 156p w 490 color photos.

†**Pampanini**, Renato (20 Oct 1875–19 Jul 1949); {Pamp.}; Italian botanist; studied at Univ of Geneva, Lausanne, Freiburg & Florence; prof of botany & dir of bot garden at Bot Institute of Royal Univ, Cagliari, Italy1930~;
species **nah:**
(Sedum) **pampaninii** (China) (desc & nah by Raymond-Hamet 1913).

Panarotto, Nelissa; father P Panarotto;
***subsp* nah:**
(Turbinicarpus saueri ssp) **nelissae** (Tamaulipas) (desc & nah by JJ Halda & P Panarotto 1998 & disc by P Panarotto 1985).

Panarotto, Paolo [Paolino] (26 Mar 1958–); {Panar.}; Italian nurseryman; owner of Panarotto C&S Nursery, Verona, Italy; Turbinicarpus expert; collected in Mex 1998; daughter N Panarotto;
desc *species*:
(Thelocactus) **multicephalus** [w JJ Halda] (Nuevo Leon) 1998;
transfer *species*:
"Turbinicarpus bonatzii" (G Frank 1992) —> **Turbinicarpus schmiedickeanus** ssp **bonatzii** 1999;
desc *subsp*:
(Turbinicarpus saueri ssp) **nelissae** [w JJ Halda] (Tamaulipas) 1998
(disc by P Panarotto 1985 & na N Panarotto);
transfer *variety*:
"Turbinicarpus schwarzii var rubriflorus" (G Frank 1993) —> **Turbinicarpus schmiedickeanus** ssp **rubriflorus** 1999.

†**Pancic**, [Pančić, Pancio, Panchic,] (Dr med) Josif [Josip] (17 Apr 1814–8 Mar 1888); {Pancic}; Croatian botanist & physician; MD at Budapest Univ 1842; physician in Serbia 1846–53; natural history teacher at Belgrad Lyceum & dir of Belgrad bot garden 1853~; first pres of Serbian Academy of Science & Arts 1887~;
desc *species*:
(Sempervivum) **leucanthum** (Bulgaria) 1883.

Pancorbo, S;
Book [1971] *The Phytochemical Investigation of Euphorbia millii*; 112p.

Panda, PC; India;
Book [1999] *New Cactus Cultivars* [w P & AB Das] Orissa, India; Indian; 28p.

Panting, Peter J; BSc degree;
Book [1953] *C&S* [w LW Cahill] London, Eng; Eng; 102p,
[1974] *C&S* [w L Cahill] Yorkshire, Eng; Eng; 184p.

†**Pappi**, Agostino (1872-1951); Italian botanist; gardener-collector for Italian Colonial Herbarium; collected w A Terracciano in Eritrea 1892–93; explored in Amazonia (Brazil) w L Buscalioni 1899–90; moved to Eritrea 1901–1914;
disc *species*:
(Spathulopetalum) **dicapuae** [w A Terracciano] (Eritrea, Ethiopia, Somalia, Kenya) 1892

(desc & nah by E Chiovenda 1912 & na E Di Capua —> **Caralluma dicapuae** by E Chiovenda 1937.

Papsch, Wolfgang (26 Apr 1946–); {Papsch}; Austria; pres of Austrian C&S Soc (founded in 1930); explored in Argentina; specialist in Gymnocalycium; IOS member 1997;
Book [2000] *Osterreicher in der Welt der Kakteen* = "Austrians in the World of Cacti" [w J Poschl];
transfer *species*:
"Echinocactus leeanus" (WJ Hooker 1845) —> **Gymnocalycium reductum** ssp **leeanum** 2000.

Paradine, Nate A; Phoenix, Arizona;
disc *species*:
(Pediocactus) **paradinei** (Arizona) 1956 (desc & nah by BW Benson 1957).

Pare, Paul W;
Book [1991] *Phytoalexin Aurone Induction in Cephalocereus senilis (old-man-cactus) Liquid Suspension Culture* Austin, Texas; 135p.

Parfitt, (Prof) (Dr) Bruce Dale (7 Nov 1952–3 Sep 2009); {B.D.Parfitt}; US botanist; scientific & managing editor for *Flora of N Amer* 1991–95; prof of botany at Univ of Michigan, Flint, Michigan 1995~; FNA taxon editor for Cactaceae 1995~;
Book [1991] *Biosystematics of the Opuntia polyacantha Complex (Cactaceae) of Western N Amer* Austin, Texas; 123p,
[2003] *Flora of N Amer (n of Mex), Vol 4: Magnoliophyta: Caryophyllidae part 1*; (editor [w AC Gibson] of Cactaceae section of 166p); Vol 4 also includes Aizoaceae, 16p & Portulacaceae, 47p);
desc *species*:
(Opuntia) **pinkavae** (Arizona, Utah) 1998 (disc by him 1980 & na DJ Pinkava);
transfer *variety*:
"Echinocereus engelmannii var nicholii" (LD Benson 1944) —> **Echinocereus nicholii** 1987,
"Opuntia macrocentra var aureispina" (S Brack & KD Heil 1988) —> **Opuntia aureispina** [w DJ Pinkava] 2001.

†**Parish**, **Samuel** Bonsall (13 Jan 1838–15 Jun 1928); {Parish}; US botanist in San Bernardino, Calif; BA at Univ of NY, NYC 1858; honorary curator of herbarium & lecturer of Calif botany at Stanford Univ 1920~; collected in s Calif 1881–82 w brother WF Parish; worked w leading botanists of his day; spouse Mary E [née Bonsall] Parish;
Book [1925] *A Manual of the Flowering Plants of Calif*; included Opuntias;
***species* nah:**
(Opuntia) **parishii** (Calif, Nevada, Arizona) (desc & na SB & WF Parish by CR Orcutt 1896) —> **Corynopuntia parishii** by FM Knuth 1936.

†**Parish**, Wm Fletcher (12 Nov 1840–7 Feb 1918);US; San Bernardino, Calif rancher; botanized s Calif 1881–82 w brother SB Parish;
***species* nah:**
(Opuntia) **parishii** (Calif, Nevada, Arizona) (desc & na SB & WF Parish by CR Orcutt 1896) —> **Corynopuntia parishii** by FM Knuth 1936.

†**Parker**, **David**; British administrator & succ plant enthusiast; founder & manager of *Echinocereus Reference Collection*, Birmingham, UK 1983–2000; assisted NP Taylor in his 1985 book *The Genus Echinocereus* w cultivation notes & use of his plants for illustrative purposes from his reference collection; IOS member 1990; spouse Gladys [née Powell] Parker (1937–);
Book [1990] *Frederick Arthur Walton (1853–1922)* Birmingham, Eng; Eng; 18p;
***species* nah:**
(Echinocereus) **parkeri** (Nuevo Leon) (desc & nah by NP Taylor 1988).

†**Parkinson**, John (1567–c6 Aug 1650); British apothecary & herbalist w garden in Long Acre, London, Eng; apothecary & herbalist for King James I; by dedicating an early herbal to Queen Henrietta Maria he received the title *Botanicus Regius Primarius* from King Charles I in 1629; last Britain to write in true herbalistic (as opposed to botanical) tradition;
Book [1640] Herbal *Theatrum Botanicum* London, Eng; Eng; c1780p w over 2700 woodcuts of plants, including succ — Opuntia, Agave, & Melocactus.

†**Parkinson**, John (c1772–3 Apr 1847); British Consul-General in Mex;
***species* nah:**
(Mamm) **parkinsonii** (Queretaro) (desc & nah by CG Ehrenberg 1840 & disc by CA Ehrenberg 1840).

†**Parkinson**, Stanley (–1980); GB; NCSS Fellow 1958 & Life Member 1965.
Book [1960] *A Guide to C&S Plants* [w SH Scott] London, Eng; Eng; 41p.

†**Parlatore**, (Prof) (Dr med) Filippo (8 Aug 1816–9 Sep 1877); {Parl.}; Italian physician, botanist & anatomist; studied medicine in Palermo, Sicily, but changed vocation to botany; prof of botany at museum of natural science & dir of bot garden in Florence, Italy 1841~; studied floras of Europe, especially Italy & Sicily; pub a number of treatises on bot subjects;
***species* nah:**
(Aichryson) **parlatorei** (Canary Islands) (desc & nah by CA Bolle 1859).

Parnell, John Adrian Naicker (Apr 1954–); {J.Parn.}; Irish botanist at school of botany, Trinity College, Dublin, Ireland;
desc *species*:

(Sempervivum) **atropatanum** (Iran) 1989;
transfer *species*:
"Sempervivum juvanii" (V Strgar 1971) —> **Sempervivum wulfenii** ssp **juvanii** [w CPE Favarger] 1990.

†**Parodi**, (Dr med) Domingo (1823–1890); {D.Parodi}; Italy to Uruguay to Paraguay1855; pharmacist, physician & botanist; one of early investigators of flora of Paraguay & Argentina;
***genus* nah:**
Parodia (Bolivia, Argentina, Brazil, Paraguay, Uruguay) (desc & nah by CL Spegazzini 1923).

†**Parr**, **Cyril** Albert Edward (28 Jan 1902–31 Jul 1977); {Parr}; British insurance & advertising agent ≈1939, & courier taking wealthy people on grand tours 1946–60; member of NCSS 1960~; secretary of GB Mamm Soc 1963–66; founder, writer & editor for The African Succ Plant Soc 1966~; FLS ____; IOS member 1969; CSSA Fellow award 1973;
Book [1977] *The Cultivation of C&OS* Corwen, Eng; Eng; 4p.

Parra-Szijj, Mima S;
Book [1991] *Species Management Guide for Opuntia basilaris ENGELM. & BIGEL. var brachyclada (GRIFFITHS) MUNZ* [w O Mistretta] Claremont, Calif; 53p.

†**Parry**, (Dr med) Charles Christopher (28 Aug 1823–20 Feb 1890); {Parry}; British to US 1832; physician, horticulturist, mountaineer & naturalist; botany student of J Torrey, A Gray & GT Engelmann; MD at Columbia Univ, NYC 1846; physician in Davenport, Iowa 1846–48; survey botanist & surgeon on WH Emory Mex–US Boundary survey expedition to sw US 1849–52; explored in Rocky Mtns 1861–67 & in Utah, Nevada, Calif & Mex 1872~; first botanist at USDA & at Smithsonian Institute 1869–71; pub bot papers in scientific journals; first spouse Sarah M [née Dalzell] Parry (–1858); second spouse Emily [née Richmond] Parry (13 May 1821–26 Apr 1915);
***species* nah:**
(Agave) **parryi** (New Mex, Arizona into Durango, Chihuahua) (desc & nah by GT Engelmann 1875),
(Calyptridium) **parryi** (Calif) (desc & nah by A Gray 1887) —> **Cistanthe parryi** by MA Hershkovitz 1990,
(Nolina) **parryi** (Calif, Arizona, Baja Calif) (desc & nah by S Watson 1879);
disc *species*:
(Cereus) **emoryi** (Calif, Lower Calif & adjacent islands) 1850 (desc by GT Engelmann 1852 & na WH Emory) —> **Bergerocactus emoryi** by NL Britton & JN Rose 1909,
(Echinocactus) **parryi** (Chihuahua) (desc & nah by GT Engelmann 1856),
(Mamm) **tetrancistra** (Nevada, Utah, Arizona, Calif, Sonora, Baja Calif) 1850 (desc by GT Engelmann 1852),
(Opuntia) **ramosissima** (Nevada, Arizona, Calif, Sonora, Baja Calif) 1849–50 (desc by GT Engelmann 1852) —> **Cylindropuntia ramossisima** by FM Knuth 1936,

(Yucca) **harrimaniae** (Nevada, Utah, Colorado, Arizona, New Mex) 1874 (desc by WA Trelease 1902 & na M Harriman);
disc *variety*:
(Cereus phoeniceus var) **pacificus** (Baja Calif) 1883 (desc by GT Engelmann 1886) —> **Echinocereus pacificus** by FA Haage 1897,
(Echinocactus viridescens var) **cylindraceus** (Sonora, Arizona, Calif) 1849/50 (desc by GT Engelmann 1852) —> **Ferocactus cylindraceus** by CR Orcutt 1926.

†**Parsa**, (Dr) Ahmad [Ahmed] (10 Jul 1907–4 Jul 1997); {Parsa}; Iranian botanist; PhD in France 1933; first prof of botany at Tehran, Iran 1933;
transfer *species*:
"Cotyledon modesta" (JFN Bornmuller 1938) —> **Rosularia modesta** 1952.

†**Parsons**, (Mr) ?;
disc *species*:
(Echinocereus) **stoloniferus** [w F Radley & H Bettencourt] (Sonora) 1934 (desc by WT Marshall 1938).

†**Parsons**, [née Wahl] Maren B (2 Sep 1873–15 Feb 1960); US; collected in Mex; spouse SH Parsons;
***genus* nah:**
Marenopuntia (Sonora) (desc & nah by C Backeberg 1950 (syn of Cornyopuntia KNUTH);
disc *species*:
(Opuntia) **marenae** (Sonora) 1910 (desc & nah by SH Parsons 1936) —> **Corynopuntia marenae** by MP Griffith 2002.

†**Parsons**, Sidney H, Sr (1 Jan 1874–20 Mar 1949); {S.H.Parsons}; US; Berkeley, Calif; spouse MB Parsons;
desc *species*:
(Opuntia) **marenae** (Sonora) 1936 (disc by Maren B Parsons 1910 & nah) —> **Corynopuntia marenae** by MP Griffith 2002.

†**Partington**, Colin (31 Dec 1922–1986); British schoolteacher & school headmaster; seed distributor 1970–84 for Bolton & District Cactus Soc; NCSS Fellow 1975; BCSS Life Member 1984;
Book [1967] *The Bolton & District Cactus Soc (Twenty-one, 1947–67)* Bristol, Eng; Eng; 43p; (editor of).

Partridge, Michael;
Book [2016] *Small Opuntias* [w JW Pilbeam] Eng; 136p w 276 color photos.

Paschal, (Dr) Joe C; US; PhD;
Book [1989] *Developing Prickly Pears as a Forage, Fruit & Vegetable Resource* [w CW Hanselka] Kingsville.

†**Passalacqua**, T;
Book [1920] *La Coltivazione Dell' Agave sisalana Nei Terreni Aridi* Catania; 21p.

Passwater, R;
Book [1982] *Aloe Vera, Jojoba & Yucca*; Eng; 25p; (rev 1996).

Pasztor, [Pásztor,] Lajos (1921–); Hungarian horticulturist; specialist in Sempervivum;
Book [2001] *Kövirózsák* Debrecen, Hungary; 177p w75 color photos; (on species & cultivars of Sempervivum).

Paterson, Andrew;
disc *species*:
(Aloe) **patersonii** (Zaire) (desc & nah by BF Mathew 1978).

†**Paterson**, [née Hallack,] Florence Mary (15 Jul 1869–5 Jun 1936); RSA amateur naturalist; interested in natural history; collected in Eastern Cape area & sent specimens to S Schonland; spouse TV Paterson;
***species* nah:**
(Mesemb) **patersoniae** (Cape) (desc & nah by HML Bolus 1916) —> **Delosperma patersoniae** by HML Bolus 1928;
disc *species*:
(Brachystelma) **tabularium** (Eastern Cape) 1913 (desc by RA Dyer 1979).

†**Paterson**, (Col) Wm (10 Aug 1755–21 Jun 1810); {Paterson}; Scottish naturalist, gardener, administrator & amateur botanist; explored in RSA & Namibia 1777–79 [w RJ Gordon on first & last of 4 trips], in India 1781–85 & in Australia 1791; (Lt) Governor of New S Wales, Australia 1800–10; collected succ for J Banks; FLS 1797; FRS 1799;
Book [1789] *A Narrative of Four Journeys into the Country of the Hottentots & Caffraria in the yrs 1777–79* London, Eng; Eng; 124p + 17 copper plates; (includes succ plants); see also VS Forbes & J Rourke;
disc *species*:
(Euphorbia) **virosa** (RSA, Namibia, Angola) 1778 (desc by KL von Willdenow 1799),
(Monsonia) **patersonii** (Namaq) 1789 (desc & nah by AP de Candolle 1824),
(Monsonia) **spinosa** (Western Cape, Northern Cape) 1778 (desc by CL L'Heritier 1792),
(Stapelia) **cactiformis** (Namibia) 1778 (desc by WJ Hooker 1844) —> **Larryleachia cactiformis** by DCH Plowes 1996.

†**Paterson-Jones**, Colin (1941-4 Jan 2013); RSA freelance nature photographer; spouse Dee Paterson-Jones;
disc *species*:
(Cleretum) **patersonjonesii** (Northern Cape) (desc & nah by C Klak 2012).

†**Patoni**, Carlos (15 Sep 1853–22 Apr 1918); {Patoni}; Mex geographer, naturalist & politician; studied stool, lechuguila & nopal; collected in Mex & US; Governor of State of Durango, Mex 1912; first spouse Delores Luz [née Garcia] Patoni; second spouse Maria de la Luz [née Echeverri] Patoni;
Book [1917] *Algunos Datos Sobre la Planta de Lechuguilla y su Fibra* Mex City; 49p;
desc *species*:
(Mamm) **mercadensis** (Durango) 1910.

†**Patraw**, [née Mead] Pauline [Polly] (1904–2001); {Patraw}; US botanist; MS in botany at Univ of Chicago, Illinois; first woman ranger-naturalist at Grand Canyon, Arizona summers 1929 & 1930; spouse Preston Patraw;
Book [1951] *Flowers of the SW Mesas* Globe, Arizona; Eng; 112p w drawings by Jeanne R Janish.

Patterson, Freeman Wilford (25 Sep 1937–); Canadian freelance photographer; MS in divinity at Union Theological Seminary, Columbia Univ, NYc; conducts photo workshops in Canada 1973~, in RSA 1984~ & other countries;
Book [1984] *Namaq—Garden of the Gods* Toronto, Ontario, Canada; 128p of photography.

Pattharahirantricin, N;
disc *species*:
(Ceropegia) **thailandica** [w P Karaket, R Pooma & U Kawatkul] (Thailand) 2008 (desc by U Meve 2009).

†**Pattie**, James Ohio (1804–c1850); US; Indian trader & trapper who explored in sw US, Calif & n Mex 1824–30;
Book [1831] *The Personal Narrative of James O Pattie of Kentucky* Cincinnati, Ohio; Eng; 313p;
disc *species*:
(Cereus) **giganteus** (Arizona, Calif, Sonora) 1825 (desc by G Engelmann 1848)
—> **Carnegiea gigantea** by NL Britton & JN Rose 1908. (This plant seems to have been known to early missionaries in Calif & Mex as early as 1540.)

†**Pattison**, [née Terry] Ssusan [Sudie] Lavinia; US; collected in New Mex 1906; retail nursery in Texas; spouse Charles Edward Pattison (3 Jul 1866–7 Sep 1952);
Book [c1935] *Cactus Culture, Illustrated Cacti & Floral Catalogue*; includes 36 woodcuts by AA Blanc.

†**Pau y Espanol**, [Pau y Español,] (Dr) Carlos (1857–1937); {Pau};
Spanish botanist & pharmacist; PhD at Madrid, Spain; collected in Algeria & Spain;
desc *species*:
(Sedum) **lagascae** (Spain) 1895 (na M Lagasca y Segura),
(Sedum) **moroderi** 1934 —> **Sedum dasyphyllum** var **moroderi** by O Bolos & J Vigo 1984;
transfer *species*:
"Sempervivum sediforme" (NJ von Jacquin 1770) —> **Sedum sediforme** 1909,
"Sempervivum sedoides" (J Decaisne 1844) —> **Sedum sedoides** 1921;
transfer *variety*:
"Sempervivum tectorum var minutum" (HM Willkomm 1874) —> **Sempervivum minutum** 1909.

Paul, MJ;
Book [1988] *Studies of Crassulacean Acid Metabolism in Mesemb crystallinum & Kalanchoe daigremontiana* Leicester; 287p.

Paul, Rainer J;
desc *species*:
(Melocactus) **paucispinus** [w G Heimen] (Bahia) 1983 (disc by G Heimen et al.).

†**Paulay**, Stefan (12 Aug 1839–28 Jun 1913); Austrian marine surgeon; collected in Mada 1887, in Aden 1898–1901, in Socotr4a 1899 & in Gibraltar, Madeira, Cape Verde Islands, Brazil, Cape, Zanzibar & Arabia;
disc *species*:
(Caralluma) **rosengrenii** (Socotra) 1899 (desc by FKM Vierhapper 1905 & na H Rosengren).

†**Paulian**, [née de Felice,] Liane Alice Louise (10 May 1910–22 Jul 1990); French botanist; lecturer in botany at Univ de Tananarive, Mada 1947–61, Brazzaville, Congo 1961–66 & Ivory Coast 1966–69; collected in Mada 1947–61, in central Africa 1961–66 & in Ivory Coast 1966–69 w spouse R Paulian;
disc *variety*:
(Aloe bulbillifera var) **paulianae** (Mada) 1955 (desc by GW Reynolds 1956).

†**Paulian**, (Dr) Renaud Maurice Adrien (28 May 1913–16 Aug 2003); French zoologist& entomologist; DSc in Paris; deputy dir of the Institut Scientifique de Mada 1947–61; dir of Institut Scientifique de Congo-Brazzaville & of Brazzaville Univ 1961–66, & dir of Universite d'Abidjan, Ivory Coast 1966–69; recteur of Academy of Amiens & Bordeauz, France 1969~; pub numerous papers & books; collected in Atlas Mts 1938, Cameroon 1939, Ivory Coast 1945 & 1966–69, in Mada 1948, 1951, 1953 & 1954; in Namibia 1957, in central & western Africa 1961–1969, & in Reunion, Mauritius & Rodriguez Islands; spouse L Paulian;
***species* nah:**
(Euphorbia) **paulianii** (Mada) (desc & nah by E Ursch & JD Leandr 1955).

Paull, Richard Cary;
Book [1993] O*rchid Cacti*; Eng; 6p,
[1996] *Baja's Botanical Beauty* Homestead, Florida; Eng; 60p.

†**Paulsen**, **Ove** Vilhelm (22 Mar 1874–29 Apr 1947); {Paulsen}; Danish botanist; curator at bot museum, Copenhagen 1905–20; prof of botany at Danish College of Pharmacy 1920~; explored Danish Virgin Islands 1895–96 & flora of central Asia;
desc *species*:
(Sedum) **stamineum** (Tibet) 1922 —> **Rhodiola staminea** by SH Fu 1984.

Paulsen, Steffanie; Ger horticulturist; worked w Mada collection at Heidelberg Bot Garden, Ger;
***species* nah:**
(Aloe) **steffanieana** (Mada) (desc & nah by WHH Rauh 2000).

Pavelka, Petr, Jr (27 Jul 1971–); {Pavelka}; Prague, Czech horticulturist, nurseryman & molecular biologist; owner of Pavlka Nursery trading mostly in RSA Mesembs w father 1989~; explored in RSA & Namibia w father 1992 & 1996 & in Mada, Chili, Argentina & Mex; owner of nursery *Palkowitschia* in Prague 1996; on editorial board of Czech & Slovak Soc journal *Kaktusy*; father Petr Pavelka, Sr (1940–2003), founder & first secretary of cactus club *Pribram* 1975~; spouse Hannah Pavelka;
Book [1999] *Rod Conophytum N.E. Brown*; Czech w Eng/Ger summaries; 32p w 64 color photos,
[2013] *Kaktusy Special 2—The Genus Huernia R. Br. (Apocynaceae) & Other Succulents in Angola*; Eng; 35p w 79 color photos;
***species* nah:**
(Othonna) **pavelkae** (Namaq) (desc by JJ Lavranos 2002 & disc by JJ Lavranos 1973);
disc *species*:
(Conophytum) **jarmilae** (Namaq) 1997 (desc by JJ Halda 1998 & na Jarmila Halda),
(Conophytum) **tomasi** (Namaq) (desc by JJ Halda 1998 & na Tomas Halda, his son);
desc *species*:
(Conophytum) **cubicum** (Namaq) 1999 (disc by him);
desc *subsp*:
(Crassula ausensis ssp) **titanopsis** (Namibia) 1998 (disc by P Pavelka).

Pavey, [née Sharman,] Gina; Eng succ plant enthusiast;
show secretary for London Cactus Club 1950s;
Book [1979] *C&S* NY; Eng; 66p w color illustrations; (from The Color Nature Library).

Pavlicek, [Pavlíček,] Pavel (11 Aug 1946–); Czech horticulturist & nurseryman; owner of nursery *Chrudimsky Kaktusár*; collected seeds in Baja Calif, Calif, Arizona, New Mex, Texas, Utah & Nevada 1990 & 1992; spouse L Pavlickovi;
Book [1994] *Kaktusářem Snadno a Rychle* [w L Pavlickovi] Chrudim, Czech Rep; 89p,

[2000] *Nová Kniha o Kaktusech*; 119p w 82 color photos.

Pavlickovi, [Pavlíkova, Pavlíčkovi, Pavlíček,] Lída; Czech; spouse P Pavlicek;
Book [1994] *Kaktusářem Snadno a Rychle* [w P Pavlicek] Chrudim, Czech Rep; 89p.

†**Pavon**, [Pavon y Jimenez, Pavón y Jiménez,] José Antonio (22 Apr 1754–1840); {Pav.}; Spanish pharmacist & botanist; explored w H Ruiz in Peru, Ecuador, Mex & Chile 1777–88;
desc *genera*:
Cavanillesia* (eastern Brazil) 1794,
Peperomia* (Peru, Chile, Bolivia, Argentina to Mex) 1794;
***species* nah:**
(Dictyanthus) **pavonii** (Sinaloa to Oaxaca) (desc & nah by J Decaisne 1844) —> **Matelea pavonii** by RE Woodson 1941;
desc *species*:
(Cavanillesia) **umbellate*** (Brazil) 1794,
(Nolana) **inflata*** (Peru) 1799,
(Nolana) **spathulata*** (Peru, Chile) 1799,
(Peperomia) **rhombea*** (Central Amer, Mex) 1798,
(Peperomia) **scutellifolia*** (Peru) 1798,
(Peperomia) **umbilicata*** (Peru) 1798,
(Talinum) **lingulatum*** (Peru) 1798 —> **Cistanthe lingulata** by MA Hershkovitz 1991,
(Tillaea) **connata*** (Cajamarca) 1798 —> **Crassula connata** by A Berger 1930.
*w H Ruiz

†**Pax**, (Dr) Ferdinand Albin (26 Jul 1858–1 Mar 1942); {Pax}; Ger botanist & entomologist; PhD at Breslau Univ 1882; assistant w HGA Engler at Kiel Univ 1883–84 & 1889–93; succeeded KAE Prantl as prof of botany & dir of bot garden at Breslau Univ 1893–25;
Book [1910] *Das Pflanzenreich Regni Vegetabilis Conspectus — Euphorbiaceae-Jatropheae* [w HGA Engler] Weisbaden, Ger; Latin; 148p [part of *Das Pflanzenreich* 1900–53 (in 107 Vols) (composite work w many authors)];
desc *genera*:
Gunniopsis (s Australia) 1889 (na RC Gunn),
Monadenium (Somalia, Ethiopia, Angola to Mozambique, Limpopo) 1894,
Stenadenium (Tanganyika) 1901;
***species* nah:**
(Mesemb) **paxianum** (desc & nah by FRR Schlechter & FLE Diels) —> **Drosanthemum paxianum** by MHG Schwantes 1927;
desc *species*:
(Euphorbia) **albovillosa** (Natal) 1904 —> **Euphorbia gueinzii** var **albovillosa** by NE Brown 1915,
(Euphorbia) **ampliphylla** (Ethiopia, Uganda, Kenya, Tanzania, Malawi, Zambia) 1897,
(Euphorbia) **angustiflora** (Tanzania) 1904 (disc by F Goetze),

(Euphorbia) **aspericaulis** (Northern Cape) 1899 (disc by LG Meyer 1869),
(Euphorbia) **breviarticulata** (Somalia, Ethiopia, Kenya, Tanzania) 1904 (disc by HGA Engler 1902),
(Euphorbia) **buruana** (Kenya, Tanzania) 1904,
(Euphorbia) **bussei** (Tanzania) 1903 (disc by W Busse 1900 & nah),
(Euphorbia) **caerulans** (Angola) 1898,
(Euphorbia) **dekindtii** (Angola) 1904 (na E Dekindt),
(Euphorbia) **ellenbeckii** (Ethiopia, Somalia, Kenya) 1903 (na H Ellenbeck),
(Euphorbia) **erlangeri** (Somalia, Kenya) 1903,
(Euphorbia) **espinosa** (Kenya, Tanzania, Malawi, Zambia, Zimbabwe) 1894 (disc by GA Fischer c1890),
(Euphorbia) **evansii** (Eastern Cape, Mpumalanga, Natal) 1909 (disc by IB Pole-Evans 1907 & nah),
(Euphorbia) **fleckii** (Namibia) 1898 (na E Fleck),
(Euphorbia) **glochidiata** (Kenya, Ethiopia, Somalia) 1897 (disc by E Ruspoli & D Riva 1892),
(Euphorbia) **goetzei** (Ethiopia to Kenya, Tanzania, Zambia, Malawi) 1900 (na F Goetze),
(Euphorbia) **gossypina** (Tanzania, Kenya, Uganda) 1894 (disc by GA Fischer c1885),
(Euphorbia) **graciliramea** (Kenya) 1904 (disc by GA Fischer 1855),
(Euphorbia) **griseola** (Limpopo, Botswana, Zimbabwe) 1904 (disc by HWR Marloth c1900),
(Euphorbia) **guerichiana** (Namaq to Limpopo, Zimbabwe, Botswana, Namibia) 1894 (disc by G Guerich & nah),
(Euphorbia) **heterapodum** (Tanganyika) 1904 (disc by HGA Engler 1902) —> **Monadenium heteropodum** by NE Brown 1911,
(Euphorbia) **heterochroma** (Tanzania) 1895 (disc by GLA Volkens c1890),
(Euphorbia) **hubertii** (Tanzania) 1912 (disc by Hubert Winkler 1910 & nah),
(Euphorbia) **isacantha** (Tanzania, Malawi) 1904 (disc by W Busse 1901),
(Euphorbia) **kamerunica** (Togo to Nigeria, Cameroon) 1904,
(Euphorbia) **knuthii** (Mozambique Mpumalanga, Natal, Swaziland) 1904 (disc by FRR Schlechter 1897 & na PEO Knuth),
(Euphorbia) **matabelensis** (Kenya, Tanzania, Zambia, Malawi, Zimbabwe, Angola, Botswana, Mozambique) 1900 (disc by LS Gibbs c1895),
(Euphorbia) **monacantha** (Ethiopia) 1903,
(Euphorbia) **neovokensii** (Kenya, Tanzania, Zanzibar, Pemba) 1904 (na GLA Volkens) —> **Euphorbia nyikae** var **neovolkensii** by S Carter 1987,
(Euphorbia) **nyassae** (Tanzania) 1904 (disc by F Goetze 1899),
(Euphorbia) **nyikae** (Kenya, Tanzania) 1895 (disc by GLA Volkens c1893),
(Euphorbia) **platycephala** (Tanzania to Malawi, Zambia, Zimbabwe) 1894,
(Euphorbia) **poissonii** (Ghana to Nigeria) 1902 (na EA Poisson),
(Euphorbia) **pseudotuberosa** (Mpumalanga to Northern Cape) 1908 (disc by CLP Zeyher c1840),
(Euphorbia) **quadrangularis** (Tanzania) 1894 (disc by GA Fischer c1885),
(Euphorbia) **quadrialata** (Tanzania) 1903 (disc by W Busse 1900),
(Euphorbia) **rivae** (Sudan, Ethiopia, Kenya) 1897 (na D Riva),

(Euphorbia) **robecchii** (Kenya, Somalia, Ethiopia, Tanzania) 1897 (disc by L Robecchi-Bricchetti 1891 & nah),
(Euphorbia) **rubella** (Ethiopia) 1903 (disc by H Ellenbeck 1900),
(Euphorbia) **schinzii** (Mpumalanga, Limpopo, Botswana, Zimbabwe) 1898 (disc by T Baines c1850 & na H Schinz),
(Euphorbia) **schizacantha** (Ethiopia, Somalia, Kenya) 1894,
(Euphorbia) **schoenlandii** (Western Cape) 1904 (disc by S Schonland & nah),
(Euphorbia) **schubei** (Tanzania) 1904 (disc by F Goetze 1899 & na T Schube) —> **Monadenium schubei** by NE Brown 1911,
(Euphorbia) **teke** (Central African Rep, Sudan, Zaire, Uganda, Tanzania) 1894,
(Euphorbia) **tetracanthoides** (Tanzania) 1901 (disc by F Goetze 1899),
(Euphorbia) **torta** [w K Hoffmann] (Tanzania, Zambia) 1910 (disc by ? von Trotha),
(Euphorbia) **trichadenia** (Angola, Namibia, Zimbabwe, Mpumalanga, Limpopo) 1894 (disc by CLP Zeyher & J Burke c1841),
(Euphorbia) **uhligiana** (Kenya, Tanzania) 1909 (disc by C Uhlig 1903 & nah),
(Euphorbia) **xylacantha** (Ethiopia, Somalia) 1904,
(Jatropha) **baumii** (Angola, Zambia) 1903 (na H Baum),
(Jatropha) **ellenbeckii** (Ethiopia, Somalia, Kenya, Tanzania) 1903 (na H Ellenbeck),
(Jatropha) **erythropoda** [w K Hoffmann] (Namibia, Botswana, Northern Cape) 1910,
(Jatropha) **grossidentata** [w K Hoffmann] (S Amer) 1915,
(Jatropha) **macrophylla** [w K Hoffmann] (Malawi, Zambia) 1910,
(Jatropha) **neopauciflora** (Mex) 1910,
(Jatropha) **schlecteri** (Mozambique, Mpumalanga) 1899,
(Jatropha) **schweinfurthii** (Sudan, Uganda) 1894 (na GA Schweinfurth),
(Jatropha) **seineri** (Angola, Namibia, Botswana, Zimbabwe) 1909 (na F Seiner),
(Jatropha) **spicata** (Kenya, Angola, Limpopo) 1894,
(Jatropha) **tropaeolifolia** (Ethiopia, Somalia) 1910,
(Jatropha) **tuberosa** (Sudan, Uganda) 1894,
(Jatropha) **varifolia** (Mozambique, Mpumalanga, Natal) 1910,
(Jatropha) **velutina** [w K Hoffmann] (Kenya) 1910,
(Mesemb) **guerichianum** (Angola, Namaq, Cape) 1895,
(Mesemb) **marlothii** (Namaq) 1889 (na HWR Marloth) —> **Brownanthus marlothii** by MHG Schwantes 1927,
(Mesemb) **salicornioides** (Namaq) 1895 —> **Psilocaulon salicornioides** by MHG Schwantes 1928,
(Monadenium) **coccineum** (Tanzania) 1894 (disc by GA Fischer 1885),
(Monadenium) **descampsii** (Zaire) 1898 (disc by G Descamps 1896 & nah),
(Monadenium) **goetzei** (Tanzania) 1902 (disc by F Goetze 1899 & nah),
(Monadenium) **guentheri** (Kenya) 1909 (disc by C Uhlig 1901 & na JCC Gunther),
(Monadenium) **herbaceum** (Zaire) 1911 (disc by T Kassner 1908),
(Monadenium) **simplex** (Angola) 1898 (disc by E Dekindt c1902),
(Monadenium) **stapelioides** (Tanzania, Kenya) 1909 (disc by E Jaeger 1907),
(Pedilanthus) **millspaughii** [w K Hoffmann] (Costa Rica) 1923 (na CF Millspaugh),

(Plinthus) **sericeus** (Namibia, Northern Cape) 1913,
(Stenadenium) **spinescens** (Tanzania) 1901 (disc by F Goetze 1899) —> **Monadenium spinescens** by PRO Bally 1959,
(Synadenium) **glaucescens** (Tanzania) 1903,
(Synadenium) **molle** (Kenya, Tanzania) 1909,
(Synadenium) **volkensii** (Tanzania) 1895 (na GLA Volkens),
(Talinum) **taitense** [w GCW Vatke] (Kenya, Tanzania) 1893 —> **Calyptrotheca taitensis** by JPM Brenan 1949,
(Tetragonia) **dimorphanta** (Namibia, Somalia) 1889 —> **Tribulocarpus dimorphanta** by SLM Moore 1921;
transfer *species*:
"Sesuvium quadrifidum" (FHJ von Mueller 1859) —> **Gunniopsis quadrifida** 1894;
desc *variety*:
(Euphorbia gossypina var) **coccinea** (Kenya, Tanzania) 1894,
(Jatropha erythropoda var) **hirtula** [w K Hoffmann] (Namibia) 1920,
(Jatropha lagarinthoides var) **cluytioides** [w K Hoffmann] (Limpopo, Mpumalanga) 1920,
(Jatropha zeyheri var) **platyphylla** (Limpopo) 1910;
transfer *variety*:
"Jatropha gossypiifolia var dissecta" (RH Chodat & E Hassler 1905) —> **Jatropha dissecta** 1910.

†**Paxton**, (Sir) Joseph (3 Aug 1803–8 Jun 1865); {Paxt.};
British landscape gardener, horticulturist editor, architect, civil engineer & politician; gardener at horticultural Soc gardens, Chiswick, Eng 1823; superintendent of gardens at Chatsworth, Derbyshire 1826; rebuilt Crystal Place at Sydenham 1853–54 & dir of gardens 1854~; editor & publisher of *Paxton's Magazine of Botany* 1834–49; knighted 1851;
spouse Sarah [née Bown] Paxton;
Book [1868] *Paxton's Bot Dictionary** [w J Lindley] London, Eng; Eng; 623p.
(*This is a revised & edited edition by Samuel Hereman [after death of J Paxton] & J Lindley's 1840 *A Pocket Bot Dictionary*; 348p.)

†**Payne**, George; collected succ;
***species* nah:**
(Haworthia) **paynei** (Western Cape) (desc & nah by JKL von Poellnitz 1937) —> **Haworthia herbacea** var **paynei** by MB Bayer 1999.

Payne, **Helen** E; Dallas, Oregon; nursery business specialized in Sempervivum & Sedum; owner of *Oakhill Gardens* in Dallas, Oregon w spouse RN [**Slim**] Payne;
Book [1972] *Plant Jewels of the High Country —"Sempervivums & Sedums"* Medford, Oregon; Eng; 160p w 111 color photos.

†**Pazout**, [Pažout,] Frantisek (25 Nov 1909–21 Oct 1975); {Pazout}; Czech Rep horticulturist; IOS member 1963;
Book [1960] *Kaktusy* [w J Valnicek & R Subik] Prague, Czech Rep; Czech; 180p; (revised 1965 w 198p),
[1962] *Kaktusarsky Sbornik 1922–62* Prague; 260p.

{PCH}, — See Paul Clifford **Hutchison**.

†**Peacock**, John T [?Thomas?] (–15 Feb 1889); {Peacock}; British horticulturist; large collection of some 5,000 succ plants at Sudbury House, Hammersmith, Eng by 1873 (his head gardener J Croucher); plants purchased by Kew 1889;
Book [1878] *List of succ plants in the collection of (Mr) JT Peacock at Sudbury House, the Octagon House at Kew, the Alexandra Palace Conservatories & the Royal Bot Gardens, Regent's Park* London, Eng; 16p catalogue; (1998 reprint w 44p);
species **nah:**
(Agave) **peacockii** (Mex) (desc & nah by G Croucher 1873),
(Echeveria) **peacockii** (Puebla) (desc & nah by G Croucher 1874).

†**Peacock**, (Mrs) W (fl. 1917);
species **nah:**
(Mesemb) **peacockiae** (Western Cape) (desc & nah by HML Bolus 1921) —> **Lampranthus peacockiae** by HML Bolus 1939.

†**Pearce**, Rex D (c1900–after 1965); US; Moorestown, New Jersey seedsman;
Book [1936] *Seeds of Rare Plants* Merchantville, New Jersey; Eng; 66p; (includes c&s).

Pearcy, Leslie (fl 1981); {Pearcy}; British horticulturist; BSc in Biology at Goldsmith College, London; employed by Abbey Garden Cactus Nursery 1979; specialist in S Amer cacti and seed germination studies;
Book [1979] *Fifty Choice Mammillarias, an Introductory Guide for Enthusiasts** Derbyshire, Eng; Eng; 68p,
[1981] *The Genus Rebutia (1895–1981)** Derbyshire; Eng; 80p,
[1986] *Choice Mammillarias** Derbyshire; 88p.
[*w B Fearn]

†**Pearson**, (Prof) (Dr) Henry **Harold** Welch (28 Jan 1870–3 Nov 1916); {H.Pears.}; Eng botanist & taxonomist to RSA 1903; prof of botany at S African College, Cape Town, RSA 1903~; DSc 1907; co-founder & first dir of Natl Bot Garden at Kirstenbosch, RSA 1913; headed the Percy Sladen Memorial expedition to Namibia & the Orange River 1908–11; collected in RSA & Namibia; specialist in Welwitschia; FLS 1901; FRS 1916; spouse Ethel Emma [née Pratt] Pearson;
Book [1929] *Gnetales* London, Eng; Eng; 194p; (includes Welwitschia);
species **nah:**

(Cheiridopsis) **pearsonii** (Little Namaq) (desc & nah by NE Brown 1926),
(Mesemb) **pearsonii** (Cape) (desc & nah by NE Brown 1912) —> **Argyroderma pearsonii** by MHG Schwantes 1929,
(Sarcostemma) **pearsonii** (Namibia, Northern Cape) (desc & nah by NE Brown 1913);
disc *species*:
(Aloe) **pearsonii** (Northern Cape, Namibia) 1910 (desc & nah by S Schonland 1911),
(Aloe) **sladeniana** (Namibia) 1916 (desc by IB Pole-Evans 1920 & na the Percy Sladen Memorial Expedition of 1915–16),
(Cotyledon) **pearsonii** (Namibia, Northern Cape, Western Cape) 1908-09 (desc & nah by S Schonland 1912) —> **Tylecodon pearsonii** by HR Tolken 1978,
(Euphorbia) **angrae** [w EE Galpin] (Namibia) c1909 (desc by NE Brown 1915),
(Euphorbia) **atrispina** (Western Cape) c1910 (desc by NE Brown 1915) —> **Euphorbia stellispina** var **astrispina** by AC White, BL Sloane & RA Dyer 1941,
(Euphorbia) **baliola** (Namibia) 1908–09 (desc by NE Brown 1915),
(Euphorbia) **chersina** [w EE Galpin] (Northern Cape) c1909 (desc by NE Brown 1915),
(Euphorbia) **cibdela** (Namibia) c1909 (desc by NE Brown 1915),
(Euphorbia) **muirii** (Western Cape) (desc by NE Brown 1915 & na J Muir),
(Euphorbia) **rudis** (Namibia) 1908–09 (desc by NE Brown 1915),
(Euphorbia) **spinea** (Great Namaq) (desc by NE Brown 1915),
(Mesemb) **fraternum** (Namaq) 1910 (desc by NE Brown 1913) —> **Conophytum fraternum** by NE Brown 1922,
(Mesemb) **fulviceps** (Namibia, Northern Cape) 1912 (desc by NE Brown 1914) —> **Lithops fulviceps** by NE Brown 1922,
(Mesemb) **globosum** (Namaq) (desc by NE Brown 1913) —> **Conophytum globosum** by NE Brown 1922,
(Mesemb) **jucundum** (Namaq) 1910 (desc by NE Brown 1920) —> **Conophytum jucundum** by NE Brown 1922,
(Mesemb) **quaesitum** (Namibia, Richtersveld) 1910 (desc by NE Brown 1920) —> **Conophytum quaesitum** by NE Brown 1922,
(Sansevieria) **pearsonii** (Angola, Botswana, Namibia, Zimbabwe, RSA) (desc & nah by NE Brown 1911),
(Stapelia) **similis** (Northern Cape, Namibia) 1910 (desc by NE Brown 1911),
(Stapelia) **pearsonii** (Namibia) 1910 (desc & nah by NE Brown 1913).

†**Pearson**, Wm Henry (22 Jul 1849–19 Apr 1923); {Pears.}; British businessman, bryologist & hepaticologist near Manchester, Eng 1902~; MSc at Manchester Univ 1911; co-founder of British Bryological Soc; spouse Annie [née Dearden] Pearson (1855/6–);
desc *genus*:
Ceraria [w EL Stephens] (RSA, Namibia) 1912;
desc *species*:
(Anacampseros) **namaquensis** [w EL Stephens] (Northern Cape) 1912 —> **Anacampseros filamentosa** ssp **namaquensis** by GD Rowley 1994,
(Ceraria) **fruticulosa** [w EL Stephens] (Namibia, RSA) 1912,

(Ceraria) **gariepina** [w EL Stephens] (Northern Cape) 1912;
transfer *species*:
"Portulacaria namaquensis" (OW Sonder 1862) —> **Ceraria namaquensis** [w EL Stephens] 1912;
disc *variety*:
(Euphorbia mauritanica var) **namaquensis** [w HWR Marloth] (Namaq) (desc by NE Brown 1915).

†**Pechanek**, [Pechanék, Pecha'nek,] Jan (28 Jul 1918–9 Feb 1988); {Pechanek}; Czech Rep horticulturist; specialist in genus Echinofossulocactus; member of Vydal Klub Kaktusāřû; **Book** [1984] *Rod Echinofossulocactus LAWRENCE* Brno, Czech Rep; Czech; 94p w 13 color photos.

†**Pechuel-Loesche**, [Pechuël-Lösche,] (Prof) (Dr) Moritz Eduard (26 Jul 1840–29 May 1913); Ger naturalist, scientist & geographer; PhD at Leipzig Univ 1872; explored & collected in s Africa on Loango expedition 1874–76, Congo 1881–83 & Hereroland (Namibia) 1884; prof of geography at Erlangan Univ, Ger 1895–12; spouse E [née von Leubnitz] Pechuel-Loeschel;
***species* nah:**
(Echinothamnus) **pechuelii** (Namibia) (desc & nah by HGA Engler 1891) —> **Adenia pechuelli** by HAT Harms 1897.

†**Peck**, (Major) Edward Finch (20 Jun 1901-1971); British veterinarian;
graduate at Ottawa Veterinary College, Canada 1928; member of Royal College of Veterinary Surgeons from Liverpool 1929; diploma of Tropical Veterinary Medicine from Edinburgh 1930; dir of veterinary & agricultural services in British Somaliland prior to & after WW II; collected plants in British Somaliland & nearby countries; apouse Sylvia Elizabeth Peck (1907–1988);
disc *species*:
(Aloe) **peckii** (Somalia) 1951 (desc & nah by PRO Bally & IC Verdoorn 1956),
(Caralluma) **peckii** (Ethiopia, Kenya, Uganda) (desc & nah by PRO Bally 1962).

†**Peck**, (Prof) (Dr hc) Morton Eaton (12 Mar 1871–4 Dec 1959); {M.Peck}; US naturalist & botanist; MA at Cornell College, Mt Vernon, Iowa 1895; prof of biology at Willamette Univ, Salem, Oregon 1908–41; honorary doctorate in science at Cornell College 1940 & in literature at Willamette Univ 1955; collected in British Honduras & Oregon w spouse;
spouse Jessie [née Grant] Peck;
desc *species*:
(Sedum) **heckneri** (Calif) 1937 (na J Heckner) —> **Sedum laxum** ssp **heckneri** by RT Clausen 1942;
transfer *species*:
"Cotyledon oregonensis" (S Watson 1882) —> **Sedum oregonense** 1941.

Peckover, Christiane; RSA; spouse RG Peckover;

***species* nah:**
(Brachystelma) **christianeae** (Natal) (desc & nah by RG Peckover 1993).

Peckover, Ralph G (1955–); {Peckover}; RSA government service & horticulturist; degree in horticulture at Univ of Natal; owns nursery near Pretoria; interested in Brachystelma & Ceropegia; spouse C Peckover;
desc *species*:
(Brachystelma) **albipilosum** (Zimbabwe) 1997 (disc by A Lancaster 1985),
(Brachystelma) **bikitaense** (Zimbabwe) 1995,
(Brachystelma) **christianeae** (Natal) 1993 (na C Peckover),
(Brachystelma) **kerzneri** (Eastern Cape) 1995 (disc by S Kerzner & nah),
(Brachystelma) **maritae** (Tanzania) 1996 (disc by E Specks & M Specks 1933 & na Marita Specks),
(Brachystelma) **megasepalum** (Zambia, Tanzania) 1996,
(Brachystelma) **molaventi** [w AE van Wyk] (Natal) 2000,
(Brachystelma) **richardsii** (Zimbabwe) 1997 (disc by RG Peckover & na DJ Richards),
(Brachystelma) **setosum** (Limpopo, Mpumalanga) 1995,
(Euphorbia) **umfoloziensis** (Natal) 1991;
transfer *species*:
"Macropetalum burchellii" (J Decaisne 1844) —> **Brachystelma burchellii** 1996,
"Macropetalum filifolium" (FRR Schlechter 1905) —> **Brachystelma filifolium** 1996,
"Tenaris chlorantha" (FRR Schlechter 1895) —> **Brachystelma chloranthum** 1996,
"Tenaris rubella" (EHF Meyer 1839) —> **Brachystelma rubellum** 1996.

†**Pedersen**, G;
Book [1898] *Studien uber Aloe* Bern, Switzerland; Ger; 69p; (dissertation).

†**Pee-Laby**, Ernest;
Book [1892] *Recherches sur l'Anatomie Comparées des Cotylédons (sic) et des Feuilles des Dicotylédones* Toulouse, France; French; 145p.

†**Peebles**, (Dr hc) **Robert** [Bob] Hibbs (19 Jul 1900–25 Mar 1956); {Peebles}; US agronomist in Arizona; cotton breeder at USDA Sacaton Field Station 32 yrs; cactus researcher; CSSA Fellow award 1948; honorary DSc at Univ of Arizona 1955; spouse Hazel M Peebles;
Book [1942] *Flowering Plants and Ferns of Arizona* [w TH Kearney] DC; Eng; 1,069p,
[1969] *Arizona Flora* [w TH Kearney] Berkeley, Calif; 1085p; (reprint of 1951 original plus 1960 supplement; Tucson, Arizona; Eng; 1,081p);
***species* nah:**
(Navajoa) **peeblesiana** (Arizona) (desc & nah by LCM Croizat 1943) —> **Pediocactus peeblesianus** by LD Benson 1962;
desc *species*:
(Agave) **chrysantha** (Arizona) 1935,

(Echinocereus) **ledingii** (Arizona) 1936 (na AR Leding & disc by L Wankum 1935),
(Echinocereus) **rectispinus** (New Mex, Arizona, Chihuahua, Sonora) 1938 (disc by him 1935) —> **Echinocereus fendleri** ssp **rectispinus** by NP Taylor 1997;
transfer *species*:
"Agave couesii" (WA Trelease 1911) —> **Agave parryi** var **couesii** [w TH Kearney] 1939,
"Agave treleasei" (JW Toumey 1901) —> **Agave schottii** var **treleasei** [w TH Kearney] 1939.

†**Peers**, **Victor** Stanley (22 Dec 1874–1940); Australia to RSA 1902; railway clerk & amateur archaeologist; collected succ for Kirstenbosch Natl Bot Garden & Bolus Herbarium 1915–31; spouse Bella [née Myles] Peers;
***genus* nah:**
Peersia (Cape) (desc & nah by HML Bolus 1927);
***species* nah:**
(Aloinopsis) **peersii** (Cape) (desc & nah by HML Bolus 1929),
(Argyroderma) **peersii** (Cape) (desc & nah by HML Bolus),
(Carruanthus) **peersii** (Eastern Cape) (desc & nah by HML Bolus 1936),
(Delosperma) **peersii** (Eastern Cape) (desc & nah by MG Lavis 1966),
(Glottiphyllum) **peersii** (Eastern Cape, Western Cape) (desc & nah by HML Bolus 1932),
(Mesemb) **peersii** (Western Cape) (desc & nah by HML Bolus 1922) —> **Lampranthus peersii** by NE Brown 1930,
(Mesemb) **victoris** (Western Cape) (desc & nah by HML Bolus 1925) —> **Ruschia victoris** by HML Bolus 1929,
(Psilocaulon) **peersii** (Cape) (desc & nah by HML Bolus 1937),
(Ruschia) **peersii** (Cape) (desc & nah by HML Bolus 1928) —> **Antimima peersii** by HEK Hartmann 1998,
(Stomatium) **peersii** (Northern Cape) (desc & nah by HML Bolus 1936),
(Trichodiadema) **peersii** (Eastern Cape) (desc & nah by HML Bolus 1929);
disc *species*:
(Conophytum) **depressum** (Little Namaq) 1930 (desc by MG Lavis 1931),
(Nananthus) **peersii** (Cape) 1925 (desc & nah by HML Bolus 1927) —> **Deilanthe peersii** by NE Brown 1931.

†**Pegler**, (Miss) Alice Marguerite (21 Jul 1861–17 Jun 1929); RSA teacher, botanist & naturalist of Kentani in Transkei region & collected in that area; corresponded w P MacOwan, HML Bolus, HHW Pearson, S Schonland, IB Pole-Evans & others;
Book [1918] monograph on *Flora of Kentani*; 32p;
***species* nah:**
(Delosperma) **peglerae** (Cape) (desc & nah by HML Bolus 1929),
(Plectranthus madagascariensis var) **aliciae** (Eastern Cape, Natal) (desc & nah by LEW Codd 1975) —> **Plectranthus aliciae** by EJ van Jaarsveld & TJ Edwards 1997;
disc *species*:
(Aloe) **peglerae** (Gauteng) 1903 (desc & nah by S Schonland 1904),
(Ceropegia) **tenuis** (Eastern Cape) (desc by NE Brown 1908) —> **Ceropegia linearis** ssp

tenuis by PV Bruyns 1985,
(Stapelia) **peglerae** (Eastern Cape) c1900 (desc & nah by NE Brown 1909).

Pehlemann, Ingeborg [**Inge**] (12 Apr 1947–); Windhoek, Namibia; succ hobbyist; explored in Namibia, RSA, Lesotho, Zimbabwe, Malawi, Swaziland;
disc *species*:
(Haworthia) **pehlemanniae** (Western Cape) 1981 (desc & nah by CL Scott 1982)
—> **Haworthia nortieri** var **pehlemanniae** by MB Bayer 1999.

†**Peiresc**, [Peirescius,] Nicolas-Claude Fabri de (1 Dec 1580–24 Jun 1637); French astronomer, lawyer, antiquary, naturalist & archeologist; legal degree at Montpellier, France 1604; councilor of department at Aix, France; owner of large garden & student of plants;
***genera* nah:**
Pereskia (Central & S Amer) (desc & nah by P Miller 1754); some experts thought the genus name should be "Peireskia"; however, **Pereskia** reflects the pronunciation in French),
Pereskiopsis (Mex, Guatemala) (desc & nah by NL Britton & JN Rose 1907).

†**Peitscher**, Alfred; {Peitscher};
desc *species*:
(Huernia) **volkartii** [w E Werdermann] (Angola, Namibia, Zimbabwe, Mozambique) 1936 (disc by J Gossweiler ≈1935 & na G Volkart).

Peleska, [Peleška,] Stanislav;
Book [1989] *Zelení Ježci* = " The Green Hedgehogs" [w V Lobko & A Kolektiv] Prague, Czech Rep; Czech; 253p.

†**Pellegrin**, François (25 Sep 1881–9 Apr 1965); {Pellegr.}; French botanist;
desc *species*:
(Aeschynanthus) **evrardii** (Vietnam) 1926 (na F Evrard),
(Brachystelma) **letestui** (Gabon) 1926 (na GMP Le Testu).

†**Pena**, (Dr med) Pierre [Petrus] (1535–1605); {Pena}; French herbalist & physician; student of Guillaum Rondelet (27 Sep 1507–30 Jul 1566) at Montpellier Univ, France 1565; assistant of M de Lobel; physician to Henry III of France; visited H Morgan bot garden in Eng 1569 [w M de Lobel];
Book [1570–71] *Stirpium Adversaria Nova* (*New Compendium of Plants*) [w M de Lobel] (contained first woodcut of a Melocactus & night blooming Cereus peruvianus) Eng; 459p; (possibly first book written in Eng to include succ).

Pencik, [Pěnčík,] Jindřich; Czech Rep botanist;
Book [1984] *Botanicky Slovník Pro Pěstitele Kaktusů* Chrudim, Czech Rep; 312p.

†**Penther**, (Dr) Arnold (15 Oct 1865–6 Apr 1931); Austrian naturalist & zoologist; PhD at Univ of Vienna 1892; curator of crustacean collection at Museum of Natural History Museum, Vienna, Austria 1898–1924; collected in RSA & Rhodesia1894–95; spouse Anne Garrett [née Walton] Penther;

***species* nah:**

(Coleus) **pentheri** (Eastern Cape) (desc & nah by RLA Gurke 1905) —> **Plectranthus pentheri** by EJ van Jaarsveld & TJ Edwards 1997.

†**Pentland**, Joseph [Josef] Barclay (17 Jan 1797–12 Jul 1873); Irish paleontologist, geographer, zoologist & diplomat; secretary to consul in Peru 1827; consul-general in Bolivia 1836–39; surveyed & collected in Bolivian Andes 1826–27 w Woodbine Parish (1796–1882);

disc *species*:

(Echinocactus) **pentlandii** (Peru, Bolivia) 1826 (desc & nah by WJ Hooker 1844) —> **Echinopsis pentlandii** by AG Dietrich 1846.

†**Penzig**, (Prof) (Dr) Albert Julius **Otto** [Alberto Giulio Ottone] (25 Mar 1856–6 Mar 1929); {Penz.}; Prussian botanist & theosophist; PhD at Breslau Univ 1877; prof of botany & dir of bot garden at Univ of Genoa, Italy 1887~; founded Hanbury Bot Institute; explored in Abyssinia & Eritrea 1891 & in Java 1896–97; spouse ? (–1901);

disc *species*:

(Echidnopsis) **dammanniana** (Ethiopia, Somalia, Kenya) 1891 (desc by CL Sprenger 1892);

desc *species*:

(Cotyledon) **barbeyi** (Arabia, Erithrea) 1893.

Peralta, Iris Edith (1960–); {Peralta}; Argentina; researcher & assistant prof at Natl Univ of Cuyo, Mendoza, Argentina;

desc *species*:

(Cistanthe) **arancioana** (Chile) 1995 (na G Arancio);

transfer *species*:

"Calandrinia cabrerae" (DCS Anon 1980) —> **Cistanthe cabrerae** 1993,
"Calandrinia frigida" (FM Barneoud 1847) —> **Cistanthe frigida** 1994,
"Calandrinia humilis" (RA Philippi 1893) —> **Cistanthe humilis** 1994,
"Calandrinia minuscule" (DCS Anon 1953) —> **Cistanthe minuscula** 1994,
“Calandrinia stricta (RA Philippi 1893) —> **Cistanthe stricta** 1994.

Peralta, [Peralta Gomez,] Susana (fl. 1997); {S Peralta}; Mex; prof in laboratory of vasculares plants, dept of biology faculty of sciences, UNAM;

desc *species*:

(Thompsonella) **xochipalensis** [w M Gual Diaz & E Perez-Calix] (Guerrero) 1997 (disc by M Gual Diaz & S Peralta Gomez 1990).

†**Percy-Lancaster**, Alan (19 Jun 1944–3 Jun 1995); India to RSA 1956, to Zimbabwe 1958 & back to RSA 1974~; business man, amateur botanist & field naturalist; member of Aloe, Cactus & Succ Soc of Zimbabwe 1974; collected succ in Zimbabwe & RSA; interested in genera Aloe & Euphorbia; spouse Anna Percy-Lancaster;
***species* nah:**
(Brachystelma) **lancasteri** (Zimbabwe) (desc & nah by C Boele 1994),
(Pachycymbium) **lancasterii** (Transvaal) 1984 (desc & nah by JJ Lavranos);
disc *species*:
(Brachystelma) **albipilosum** (Zimbabwe) 1985 (desc by RG Peckover 1997).

Perdomo, Guillermo B;
Book [1999?] *Lanzarote Cactus Garden* Lanzarote, Canary Islands; Eng, Ger & Spanish; 43p.

Pereira, Eddie Esteves — See **Esteves Pereira**, Eddie.

Perez Crisanto, [Pérez Crisanto,] Joel; {JoelPerez};
Book [2004] *Cactáceas Y Otras Plantas Nativas de la Cañada Cuicatián, Oaxaca* = "Cacti & other Plants of La Cañada, Cuicatlán, Oaxaca" [w J Reyes, C Brachet & A Gutierrez de la Rosa] Mex; Spanish; 196p w 535 color photos;
desc *species*:
(Echeveria) **cuicatecana** [w J Reyes & C Brachet] (Oaxaca) 2004 —> **Pachyphytum cuicatecanum** by MW Kimnach 2010.

Perez, [Pérez de Paz,] (Prof) (Dr) Pedro Luis (1949–); {P.Perez}; prof of botany at Univ of the Lagoon, Tenerife Island of Canary Islands;
transfer *species*:
"Sempervivum lowei" (JAR Paiva 1867) —> **Monanthes lowei** [w JR Acebes] 1984.

Perez-Calix, [Pérez-Calix,] Emmanuel (1963–); {Perez-Calix}; Mex botanist; DSc at UNAM 2004; prof of botany at Instituto de Ecologia, A.C. 1996~; specializes in floristica & taxonomy of Crassulaceae & Saxifragaceae families;
desc *species*:
(Echeveria) **calderoniae** (Guanajuato) 1997 (na G Calderon de Rzedowski),
(Pachyphytum) **garciae** [w CE Glass] (Queretaro) 1999 (na JA Garcia Luna),
(Sedum) **clausenii** (Guanajuato, San Luis Potosi) 1998 (na RT Clausen),
(Sedum) **mocinianum** (Guanajuato) 1998 (disc by CE Glass & ML Mendoza 1998 & na JM Mocino),
(Sedum) **neovolcanicum** [w I Garcia] (Michoacan, Jalisco) 2002,
(Thompsonella) **xochipalensis** [w S Peralta Gomez & M Gual Diaz] (Guerrero) 1997 (disc by M Gual Diaz & S Peralta Gomez 1990).

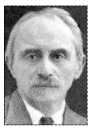
Perez de la Rosa, [Pérez de la Rosa,] Jorge Alberto (1955–); Mex forestry engineer; secretary of bot institute at Univ of Guadalajara, Mex;

disc *species*:
(Mamm) **perezdelarosae** (Jalisco) (desc & nah by H Bravo-Hollis & L Scheinvar 1985) —> **Mamm bombycina** ssp **perezdelarosae** by DR Hunt 1997.

†**Perez-Moreau**, [Pérez-Moreau,] (Dr) Roman A (1905–1971); {Perez-Mor.}; Argentinean naturalist, taxonomist, phytogeographer; PhD in natural sciences at Univ of Buenos Aires c1930; prof at Bernardino Rivadavia Museum of Natural Sciences 1930~;
Book [1941] Cactaceae 46p section in *Contribucion a la Bibliografia Botanica Argentina, I* [w A Castellanos] Tucuman, Argentina; Spanish; 549p.

Perl, Philip; US garden designer & interior landscaper of plants; had blueberry farm in New Jersey, also grew succ plants; on staff of 'The New Yorker' 20 yrs;
Book [1978] *C&S* (a Time-Life Enc of Gardening series) Alexandria, Virginia; Eng; 160p w 199 color illustrations; (second edition 1980); (versions also in Dutch & Ger).

†**Perrier**, [Perrier de la Bathie, Perrier de la Bâthie,] (Baron) Eugène Pierre (9 Jun 1825–1916); {E.P.Perrier}; French botanist; nephew JMH Perrier de la Bathie;
***genus* nah:**
Perrierastrum (Mada) (desc & nah by A Guillaumin 1930);
desc *genus*:
Ischnolepis [w HL Jumelle] (Mada) 1909;
desc *species*:
(Sedum) **montanum** [w A Songeon] (Austria, Switzerland, Italy, France, Spain) 1864.



†**Perrier**, [Perrier de la Bathie, Perrier de la Bâthie,] Joseph Marie **Henri** [Henry] Alfred (11 Aug 1873–2 Oct 1958); {H.Perrier}; French botanist, geologist & naturalist; to Mada 1896; specialist in & collected Mada plants 1896–1932; writer; uncle EP Perrier de la Bathie;
Book [1908] *Les Asclepiadacees* [w HL Jumelle] France; French; 109p,
[1926] *Les Lomatophyllum et les Aloe de Mada*; 58p,
[1936] *Biogeographie des Plantes de Mada* Paris, France; 156p,
[1937] *Flora de Mada* Tananarive, Mada; French; 147p,
[1938] *Liliacees* Tananarive; French; 147p;
***genus* nah:**
Perrierosedum (Mada) (desc by H Ohba 1978);
desc *genus*:
Operculicarya (Mada) 1944;
***species* nah:**
(Adansonia) **perrieri** (Mada) (desc & nah by RPR Capuron 1960),
(Adenia) **perrieri** (Mada) (desc & nah by P Claverie 1909),
(Aloe) **perrieri** (desc & nah by GW Reynolds 1956),
(Corallocarpus) **perrieri** (Mada) (desc & nah by M Keraudren 1960),
(Cynanchum) **perrieri** (Mada) (desc & nah by P Choux 1914),

(Euphorbia) **perrieri** (Mada) (desc & nah by E Drake del Castillo 1899),
(Laportea) **perrieri** (Mada) (desc & nah by JD Leandri 1950),
(Uncarina) **perrieri** (Mada) (desc & nah by J-H Humbert 1962),
(Xerosicyos) **perrieri** (Mada) (desc & nah by J-H Humbert 1939);

disc *species*:
(Aloe) **imalotensis** (Mada) 1910 (desc by GW Reynolds 1957);

desc *species*:
(Adansonia) **rubrostipa** [w HL Jumelle] (Mada) 1909,
(Adansonia) **suarezensis** (Mada) 1952,
(Adenia) **epigea** (Mada) 1940,
(Adenia) **monadelpha** (Mada) 1940,
(Adenia) **subsessilifolia** (Mada) 1940,
(Aloe) **acutissima** (Mada) 1926 (disc by him),
(Aloe) **andringitrensis** (Mada) 1926 (disc by him),
(Aloe) **betsileensis** (Mada) 1926 (disc by him),
(Aloe) **bulbillifera** (Mada) 1926 (disc by him),
(Aloe) **compressa** (Mada) 1926 (disc by him),
(Aloe) **conifera** (Mada) 1926 (disc by him),
(Aloe) **decorsei** (Mada) 1926 (na J Decorse),
(Aloe) **humbertii** (Mada) 1931 (disc by J-H Humbert 1928 & nah),
(Aloe) **ibitiensis** (Mada) 1926 (disc by him),
(Aloe) **isaloensis** (Mada) 1927 (disc by him),
(Aloe) **madecassa** (Mada) 1926 (disc by him),
(Aloe) **parallelifolia** (Mada) 1926 (disc by him),
(Aloe) **silicicola** (Mada) 1926 (disc by him),
(Aloe) **suarezensis** (Mada) 1926 (disc by him),
(Aloe) **viguieri** (Mada) 1927 (disc by him),
(Basella) **leandriana** (Mada) 1950 (na JD Leandri),
(Basella) **madagascariensis** (Mada) 1950,
(Ceropegia) **albisepta** [w HL Jumelle] (Mada, Zaire, Uganda, Kenya) 1908,
(Ceropegia) **saxatilis** [w HL Jumelle] (Mada) 1908,
(Ceropegia) **scabra** [w HL Jumelle] (Mada) 1908,
(Cynanchum) **ampanihense** [w HL Jumelle] (Mada) 1911,
(Cynanchum) **arenarium** [w HL Jumelle] (Mada) 1908,
(Cynanchum) **bisinuatum** [w HL Jumelle] (Mada) 1911,
(Cynanchum) **implicatum** [w HL Jumelle] (Mada) 1911,
(Cynanchum) **macranthum** [w HL Jumelle] (Mada) 1911,
(Cynanchum) **macrolobum** [w HL Jumelle] (Mada) 1911,
(Cynanchum) **mahafalense** [w HL Jumelle] (Mada) 1911,
(Cynanchum) **menarandrense** [w HL Jumelle] (Mada) 1911,
(Cynanchum) **radiatum** [w HL Jumelle] (Mada) 1911,
(Decanema) **grandiflorum** [w HL Jumelle] 1908,
(Decanema) **luteifluens** [w HL Jumelle] (Mada) 1911 —> **Cynanchum luteifluens** by

BM Descoings 1961,
(Decanema) **luteifluens** [w HL Jumelle] 1911,
(Impatiens) **tuberosa** (Mada) 1933,
(Jatropha) **mahafalensis** [w HL Jumelle] (Mada) 1910,
(Kalanchoe) **aromatica** (Mada) 1923,
(Kalanchoe) **bergeri** [w Raymond-Hamet] (Mada) 1914 (na A Berger),
(Kalanchoe) **boisii** [w Raymond-Hamet] (Mada) 1914 (na (Mr) Bois),
(Kalanchoe) **bouvetii** [w Raymond-Hamet] (Mada) 1914 (na G Bouvet),
(Kalanchoe) **chapototii** [w Raymond-Hamet] (Mada) 1915 (na ? Chapotot),
(Kalanchoe) **daigremontiana** [w Raymond-Hamet] (Mada) 1914 (na (Mr) & (Mrs) Daigremont),
(Kalanchoe) **fedtschenkoi** [w Raymond-Hamet] (Mada) 1915 (na BA Fedtschenko),
(Kalanchoe) **gastonis-bonnieri** [w Raymond-Hamet] (Mada) 1912 (na Gaston Bonnier),
(Kalanchoe) **globulifera** (Mada) 1928,
(Kalanchoe) **jongmansii** [w Raymond-Hamet] (Mada) 1914 (na WJ Jongmans),
(Kalanchoe) **macrochlamys** (Mada) 1928,
(Kalanchoe) **manginii** [w Raymond-Hamet] (Mada) 1912 (na L Mangin),
(Kalanchoe) **millotii** [w Raymond-Hamet] (Mada) 1912 (na ? Millot),
(Kalanchoe) **poincarei** [Raymond-Hamet] (Mada) 1913 (na R Poincaré),
(Kalanchoe) **rolandi-bonapartei** [w Raymond-Hamet] (Mada) 1912 (na Roland Bonaparte),
(Kalanchoe) **rosei** [w Raymond-Hamet] (Mada) 1914 (na JN Rose),
(Kalanchoe) **suarezensis** (Mada) 1928,
(Kalanchoe) **tetraphylla** (Mada) 1923,
(Kalanchoe) **tuberosa** (Mada) 1928,
(Kalanchoe) **viguieri** [w Raymond-Hamet] (Mada) 1914 (na R Viguier),
(Kalanchoe) **waldheimii** [w Raymond-Hamet] (Mada) 1915 (na AAF von Waldheim),
(Lomatophyllum) **occidentale** (Mada) 1926 —> **Aloe occidentalis** by LE Newton & GD Rowley 1997,
(Lomatophyllum) **orientale** (Mada) 1926 —> **Aloe orientalis** by LE Newton & GD Rowley 1997,
(Lomatophyllum) **prostratum** (Mada) 1926 —> **Aloe prostrata** by LE Newton & GD Rowley 1997,
(Lomatophyllum) **rosea** (Mada) 1926 —> **Aloe rosea** by LE Newton & GD Rowley 1997,
(Lomatophyllum) **sociale** (Mada) 1926 —> **Aloe socialis** by LE Newton & GD Rowley 1997,
(Medinilla) **sedifolia** [w HL Jumelle] (Mada) 1913,
(Operculicarya) **decaryi** (Mada) 1944,
(Operculicarya) **hyphaenoides** (Mada) 1944,
(Rhodocodon) **rotundatus** (Mada) 1931,
(Sansevieria) **sambiranensis** (Mada) 1935,
(Sedum) **madagascariense** (Mada) 1922 —> **Perrierosedum madagascariense** by H Ohba 1978;

transfer *species*:
"Bryophyllum rubellum" (JG Baker 1889) —> **Kalanchoe rubella** [w Raymond-Hamet]

1915,
"Gasteria antandroi" (R Decary 1921) —> **Aloe antandroi** 1926),
"Vohemaria messeri" (FG Buchenau 1889) —> **Cynanchum messeri** [w HL Jumelle] 1911;
desc *variety*:
(Adenia epigea var) **stylosa** (Mada) 1940 —> **Adenia firingalavensis** var **stylosa** by WJ de Wilde 1970,
(Aloe capitata var) **cipolinicola** (Mada) 1926 (disc by him),
(Aloe capitata var) **gneissicola** (Mada) 1926 (disc by him),
(Aloe capitata var) **quartziticola** (Mada) 1926 (disc by him),
(Aloe capitata var) **sivicola** (Mada) 1926 (disc by him),
(Aloe capitata var) **trachyticola** (Mada) 1926 (disc by him c1926) —> **Aloe trachyticola** by GW Reynolds 1957,
(Aloe compressa var) **rugosquamosa** (Mada) 1926 (disc by him),
(Aloe compressa var) **schistophila** (Mada) 1926 (disc by him),
(Aloe deltoideodonta var) **brevifolia** (Mada) 1926,
(Aloe deltoideodonta var) **candicans** (Mada) 1926,
(Aloe haworthioides var) **aurantiaca** (Mada) 1926,
(Aloe laeta var) **maniaensis** (Mada) 1926,
(Pachypodium densiflorum var) **brevicalyx** (Mada) 1934,
(Pachypodium rosulatum var) **gracilius** (Mada) 1934,
(Pachypodium rutenbergianum var) **meridionale** (Mada) 1934;
desc *forma*:
(Adenia subsessilifolia fa) **pyromorpha** (Mada) 1940 —> **Adenia pyromorpha** by WJ de Wilde 1970.

†**Perrine**, (Dr med) Henry (5 Apr 1797–7 Aug 1840); {Perrine}; US physician & horticulturist; MD in Philadelphia, Pennsylvania; US consul at Campechy, Yucatan 1827–37 & at Key West, Florida 1937~; collected in Mex, US & Cuba; interested in tropical plants; spouse Ann Fuller [née Townsend] Perrine;
desc *species*:
(Agave) **sisalana** (Mex) 1838.

†**Perrot**, B;
***species* nah:**
(Sansevieria) **perrotii** (Tanzania) (desc & nah by O Warburg 1901 & disc by B Perrot).

†**Perrot**, (Prof) (Dr) Émile Constant (14 Aug 1867–16 Sep 1951); {Perrot}; French pharmacist, anatomist & botanist; PhD at Paris Univ 1899; prof of materia medica at Ecole de Pharmacie, Paris 1902~;
***species* nah:**
(Sedum) **perrotii** (China) (desc & nah by Raymond-Hamet 1924).

†**Perrottet**, George [Georges, Guerrard] Samuel [Samouelle] (1793–3 Jan 1870);

{Perr.}; French gardener, horticulturist, sericiculturist & agronomical & government botanist; gardener-botanist at Museum of Natural History, Paris, France ≈1819; joined expedition around world 1819–21 & collected in Cape Verde Islands, Cape, Java, Philippines & Mada; explored in Senegal 1824–29; agricultural botanist at Pondicherry, India 1834–39, at French Guiana 1840–41, & at Martinique & Guadeloupe Islands 1841; French government botanist at Pondicherry 1843~;
disc *species*:

(Boucerosia) **decaisneana** (Senegal, Sudan, Mauretania, Algeria, Morocco) c1825 (desc by AC Lemaire 1844 & na J Decaisne) —> **Orbea decaisneana** by PV Bruyns 2001,

(Desmidorchis) **acutangula** (eastern Africa, Saudi Arabia, Yemen) c1825 (desc by J Decaisne 1838) —> **Caralluma acutangula** by NE Brown 1892.

†**Perry**, (Dr) Lily May (5 Jan 1895–11 Mar 1992); {L.M.Perry}; Canadian to US; botanist; PhD at Washington Univ, St Louis, Missouri 1922; botanist at Gray Herbarium 1925–32, at Univ of Georgia 1932–34, at Sweet Briar College 1934–35 & at Arnold Arboretum 1935~;
collected in Canada & US;
desc *species*:

(Myrmecodia) **archboldiana** [w ED Merrill] (Papua) 1945,
(Myrmecodia) **brassii** [w ED Merrill] (Papua) 1945 (disc by LJ Brass & nah),
(Myrmecodia) **lamii** [w ED Merrill] (Papua) 1945 (na HJ Lam),
(Myrmecodia) **pendens** [w ED Merrill] (Papua New Guinea) 1945,
(Myrmecodia) **sterrophylla** [w ED Merrill] (New Guinea) 1945.

Perry, Pauline Lesley (13 Aug 1927–); {P.L.Perry}; British botanist; BSc at Wye College, Univ of London 1949; teacher in Eng; to RSA 1972; biology teacher at St. Mary's in Kloof, Natal 1972–75; worked at Karoo Bot Garden, Worcester 1976–89; collected in RSA;
Book [1994] *A Revision of the Genus Eriospermum (Eriospermaceae)* Cape Town, RSA; 320p;
desc *species*:

(Eriospermum) **armianum** (Northern Cape) 1994,
(Eriospermum) **titanopsoides** (Western Cape) 1994.

†**Perry**, Wm Wykeham [Wikeham] (14 Jan 1846–14 Jun 1894); British naval officer & amateur botanist; collected in Socotra & Somaliland 1876, in Aden 1878, in China & Pakistan 1881 & in Manchuria, Formosa & Korea 1883;
disc *species*:

(Aloe) **perryi** (Socotra) 1878 (desc & nah by JG Baker 1881).

†**Persoon**, [Persohn,] (Dr) Christian Hendrik (1 Feb 1761–16 Nov 1836); {Pers.}; RSA to Ger 1775; mycologist, lichenologist & taxonomist;
PhD from Academy of Natural Sciences, Erlangen, Ger 1799; to Paris, France 1802~; studied theology, medicine & natural sciences;
Book [1805–07] *Synopsis Plantarum, Seu Enchiridium Botanicum….* Paris, France; (in 2 Vols);
[1805] Vol 1; 546p;

[1806] Vol 2, Part 1; 272p;
[1807] Vol 2, Part 2; 385p,

[1817–22] *Special Plantarum, seis Enchiridum botanicum….* St. Petersburg, Russia; (in 6 Vols); (an amended reprint of [1805–07] *Synopsis Plantarum*);
[1817] Vol 1; 882p;
[1819] Vol 2; 477p;
[1819] Vol 3; 464p;
[1821] Vol 4; 455p;
[1821] Vol 5; 436p;
[1822] Vol 6; 287p;

desc *species*:

(Ocimum) **madagascariense** (Mada, Reunion, Mauritius) 1807 —> **Plectranthus madagascariensis** by G Bentham 1832,

(Sesuvium) **sessile** (Texas) 1807;

transfer *species*:

"Cotyledon alternans" (M Vahl 1791) —> **Kalanchoe alternans** 1805,

"Cotyledon lanceolata" (P Forsskal 1775) —> **Kalanchoe lanceolata** 1805,

"Cotyledon pinnata" (C de Lamarck 1786) —> **Kalanchoe pinnata** 1805,

"Geranium bubonifolium" (HC Andrews 1803) —> **Pelargonium bubonifolium** 1806,

"Geranium fissifolium" (HC Andrews 1804) —> **Pelargonium fissifolium** 1806,

"Geranium undulatum" (HC Andrews 1803) —> **Pelargonium undulatum** 1806.

†**Pesch**, Carl Peter Paul (26 Sep 1876–26 Oct 1970); Namibia; town clerk in Omaruru, Namibia; spouse Johanna Pesch (30 Mar 1879–22 Feb 1967);

disc *species*:

(Caralluma) **peschii** (Namibia) 1933 (desc & nah by GC Nel 1935) —> **Australluma peschii** by DCH Plowes 1995.

Peshkova, Galena Alexandrovna (1930–); {Peschkova}; Russian botanist;

Book [2001] *Florogenetichesky Analyzctepnoy Flore gor Uznoy Sibiri* = "Flora & genetic analysis of s Siberian steppe plants" Novosibirsk, Nauka, Russia; Russian; 192p;

desc *subsp*:

(Sedum aizoon ssp) **baicalense** (Buryatiya) 1994.

Pesman, M Walter;

Book [1962] *Meet Flora Mexicana — Plants of Mex as seen from the Main Highways* Globe, Arizona; Eng; 288p w 270 drawings.

†**Pesmen**, Hasan (1939–1980); {Pesmen}; Turkish botanist;

desc *species*:

(Sempervivum) **pisidicum** [w A Guner] (Turkey) 1978.

†**Pestalozza**, (Dr med) Forunato (1809–1878); Italian physician & botanist;

explored in Italy & Syria;
species **nah:**
(Umbilicus) **pestalozzae** (Turkey, Syria) (desc & nah by PE Boissier 1872) —> **Rosularia sempervivum** ssp **pestalozzae** by UV Eggli 1988.

†**Peter**, (Prof) (Dr) Gustav **Albert** (21 Aug 1853–4 Oct 1937); {Peter}; Prussian botanist; PhD at Königsberg Univ 1874; prof of botany & dir of bot garden at Göttingen Univ 1888–23; explored & collected in Namibia, RSA & Mozambique 1913 & in Tanzania 1914–19 & 1925–26;
species **nah:**
(Kalanchoe) **peteri** (Tanzania) (desc & nah by E Werdermann 1936),
(Portulaca) **peteri** (Tanzania) (desc & nah by JKL von Poellnitz 1940);
desc *species*:
(Portulaca) **fascicularis** (Tanzania) 1938,
(Portulaca) **grandis** (Tanzania, Kenya) 1938,
(Portulaca) **heterophylla** (Tanzania) 1938,
(Portulaca) **ramosa** (Tanzania) 1938,
(Talinum) **oblongifolium** (Tanzania) 1932,
(Trianthema) **glandulosa** (Tanzania) 1932,
(Trianthema) **multiflora** (Tanzania) 1932,
(Trianthema) **nigricans** (Tanzania) 1932.

†**Peters**, RH; US; collected in Guatemala;
disc *species*:
(Hylocereus) **minutiflora** (Belize, Guatemala, Honduras) 1907 (desc by NL Britton & JN Rose 1913).

†**Peters**, (Dr med) Wilhelm Karl [Carl] Hartwig (22 Apr 1815–20 Apr 1883); Ger entomologist, naturalist, zoologist & physician; explored in Portuguese East Africa (Mozambique), Comoro Islands, Mada & India 1843–47; prof of medicine 1851~ & prof of zoology 1856~ at Berlin Univ;
disc *species*:
(Euphorbia) **angularis** (Goa Island of Mozambique) c1844 (desc by JF Klotzsch 1861).

†**Petersen**, Elly (1873–1965); Ger;
Book [1927] *Taschenbuch für den Kakteenfreund* Munich, Ger; Ger; 180p + 24 color plates.

Petersen, EO;
Book [1947] *C&S—Indoor & Outdoor Cultivation* [w AB Cutler] Wellington, New Zealand; Eng; 47p.
†**Petersen**, Johannes Boye (29 Sep 1887–22 Mar 1961); {J.B.Petersen}; Danish botanist & algologist; assistant 1916–29 & lecturer 1929–51 at Polyteknisk Laareanstadt; prof of botany at Copenhagen Univ 1951–58;

desc *species*:
(Agave) **hauniensis** (Guerrero, state of Mex, Morelos) 1947,
(Furcraea) **stratiotes** (Nicaragua) 1922.

†**Petignat**, Hermann (–4 Mar 2000); {Petignat}; Swiss hotel owner, amateur botanist & artist; to Mada; established w spouse a private bot garden *Antsokay Arboretum* near Toliary, Mada 1980~; collected succ in Mada, at times w WHH Rauh; spouse S Petignat;
***species* nah:**
(Ceropegia) **hermannii** (Mada) (desc & nah by WHH Rauh & M Teissier 1996),
(Cynanchum) **petignatii** (Mada) (desc & nah by SL Liede & WHH Rauh 1996);
disc *species*:
(Ceropegia) **petignatii** (Mada) (desc & nah by WHH Rauh 1993),
(Euphorbia) **mahabobokensis** [w M Teissier & WHH Rauh] (Mada) 1993 (desc by WHH Rauh 1995);
desc *species*:
(Aloe) **ruffingiana** [w WHH Rauh] (Mada) 1999 (na E Ruffing),
(Euphorbia) **kamponii** [w WHH Rauh] (Mada) 1995 (disc by H Petignat c1990),
(Euphorbia) **suzannae-marnierae** [w WHH Rauh] (Mada) 1996 (na Suzanne Marnier-Lapostolle).

Petignat, Simone; Mada; spouse H Petignat;
***species* nah:**
(Ceropegia) **simoneae** (Mada) (desc & nah by WHH Rauh 1993).

†**Petit**, Antoine (12 Feb 1760–1843); {Petit}; zoological collector w RG Quartin-Dillon on (Lt) Théophile Lefebvre (1811–1860) expedition to Ethiopia 1839–43; spouse Marie-Angelique [née Forcier] Petit (11 Feb 1771–);
disc *species*:
(Huernia) **sprengeri** (Ethiopia) c1840 (desc by GA Schweinfurth 1893 & na CL Sprenger) —> **Caralluma sprengeri** by NE Brown 1895.

†**Petit-Thouars**, Abel du (7 Aug 1793–16 Mar 1864); {A.Thouars}; French naval officer & administrator; on expedition around world in frigate *Venus* 1836–39; collected in Galapagos Islands 1838; uncle LMA du Petit-Thouars;
disc *species*:
(Cereus) **thouarsii** (Galapagos Islands) 1838 (desc & nah by FAC Weber 1899) —> **Jasminocereus thouarsii** by C Backeberg 1959.

†**Petit-Thouars**, Louis Marie Aubert du (5 Nov 1758–12 May 1831); {Thouars}; French botanist to Mada 1792–1802; explored in Mada & La Réunion; nephew A du Petit-Thouars;
***species* nah:**

(Euphorbia) **thouarsiana** (Mada) (desc & nah by HE Baillon 1860).

†**Petiver**, James [Jacob, Jacobus] (1663–2 Apr 1718); {Petiver}; British botanist, naturalist, entomologist & apothecary; FRS 1695; demonstrator at Chelsea Physic Garden 1709; member of Temple Coffee House Botany Club; close friend of J Ray; library purchased by (Sir) (Dr med) Hans Sloane (1660-1753) in 1718);
species **nah:**
(Mesemb) **petiveri** (desc & nah by AH Haworth 1795).

†**Petrie**, Donald (7 Sep 1846–1 Sep 1925); {Petrie}; Scotland to Australia 1868 & to New Zealand 1874~; botanist; MA at Aberdeen Univ, Scotland; taxonomic botanist in New Zealand;
desc *species*:
(Tillaea) **multicaulis** (New Zealand) 1887 —> **Crassula multicaulis** by AP Druce & DR Given 1984.

†**Petrullo**, (Dr) Vincenzo (1906–23 Feb 1991); Italy to US 1913; botanist; PhD at Univ of Pennsylvania 1934; field dir for S Amer research at Univ of Pennsylvania; led expedition to Venezuela 1933;
Book [1934] *The Diabolic Root: a Study of Peyotism* Philadelphia, Pennsylvania; Eng; 185p; (PhD thesis).

†**Petters**, Franz (16 Oct 1784–4 Nov 1866); {Petters}; Bohemian botanist & clergyman;
Book [1817] *Versuch Einer Geschichte der Amerikanischen Agave, Besonders der Gegenwärtig im Schlossgarten zu Friedland Bluhenden* Friedland; 54p.

†**Pettersson**, (Mr) ?; Ger cactus collector; friend of H Hildmann;
species **nah:**
(Mamm) **petterssonii** (Guanajuato, Aguascalientes, Jalisco, Zacatecas) (desc & nah by H Hildmann 1886).

Pettey, (Dr) FW;
Book[1948] *The Biological Control of Prickly Pears in S Africa* Pretoria, RSA; Eng; 163p.

Peyre de Fabregues, B — See **Fabregues**, BP de.

Peyrieras, Andre; French entomologist naturalist & zoologist; to Mada;
species **nah:**
(Aloe) **peyrierasii** (Mada) (desc & nah by GA Cremers 1976 & disc by GA Cremers).

†**Peyritsch**, (Prof) (Dr med) Johann [Joannes] Joseph (20 Oct 1835–14 Mar 1889); {Peyr.}; Austria botanist & physician; MD at Wien Univ 1864; prof of botany at Innsburck Univ 1878~; interested in plant teratology;

desc *species*:

(Dracaena) **ombet** [w CGT Kotschy] (Sudan, Ethiopia, Djibouti, Eritrea) 1867,
(Sedum) **napiferum** (Mex) 1859,
(Sesuvium) **mesembryanthemoides** [w H Wawra] (Angola, Great Namaq) 1860.

†**Pfeiffer**, (Dr med) Ludwig [Louis, Ludovicus] Georg Karl [Carl] (4 Jul 1805–2 Oct 1877); {Pfeiff.}; Ger physician, malacologist, naturalist & botanist from Kassel; MD at Marburg Univ 1825; traveled & collected in Cuba 1838–39; owned large cactus collection; PhD at Marburg Univ 1875;

Book [1837] *Enumeratio Diagnostica Cactearum Hucusque Cognitarum* Berlin, Ger; Latin; 192p,
[1837] *Beschriebung und Synonymik der in Deutschen Gärten Lebend Vorkommenden Cacteen* Berlin, Ger; Ger; 231p,
[1838–43] *Abbildungen und Beschreibung Blühender Cacteen I* [w CF Otto] Cassel; (Vol 1 in 6 parts w 30 plates); (1988 reprint),
[1845–50] *Abbildungen und Beschreibung Blühender Cacteen II* Cassel; (Vol 2 in 6 parts w 30 plates); (1989 reprint),
[1871–75] *Nomenclator Botanicus (of plant names)* Cassel; (in 2 Vols);
[1871–75] Vol 1; 1,876p;
[1874–75] Vol 2; 1,698p;

***genus* nah:**

Pfeiffera (Bolivia, Argentina, Ecuador, Peru) (desc & nah by JFM Salm-Dyck 1845);

desc *genera*:

Cephalocereus (Hidalgo, Guanajuato) 1838,
Discocactus (Brazil, Paraguay, Bolivia) 1837,
Lepismium (Brazil, Paraguay, Bolivia, Peru, Uruguay, Argentina) 1835;

desc *species*:

(Cereus) **articulatus** (Argentina) 1837 —> **Tephrocactus articulatus** by C Backeberg 1953,
(Cereus) **columna-trajani** (Puebla, Oaxaca) 1837 —> **Cephalocereus columna-trajani** by K Schumann 1897,
(Cereus) **eriophorus** (Cuba) 1837 —> **Harrisia eriophora** by NL Britton 1909,
(Cereus) **geometrizans** (Mex) 1837 —> **Myrtillocactus geometrizans** by M Console 1897,
(Cereus) **hamatus** (Veracruz) 1837 —> **Selenicereus hamatus** by NL Britton & JN Rose 1909,
(Cereus) **inermis** (Venezuela, Colombia, Bolivia, Costa Rica, Mex) 1837 —> **Selenicereus inermis** by NL Britton & JN Rose 1920,
(Cereus) **stellatus** (Morelos, Oaxaca, Puebla) 1836 —> **Stenocereus stellatus** by V Riccobono 1909,
(Cereus) **terscheckii** (Argentina) 1837 (na M Terscheck) —> **Echinopsis terscheckii** by H von Friedrich & GD Rowley 1974,
(Echinocactus) **bicolor** (Texas, Chihuahua, Tamaulipas, Zacatecas, Coahuila, Durango,

Nuevo Leon, San Luis Potosi) 1848 —> **Thelocactus bicolor** by NL Britton & JN Rose 1922,

(Echinocactus) **formosus** (Argentina, Bolivia, Chile) 1837 —> **Echinopsis formosa** by JFM Salm-Dyck 1850,

(Echinocactus) **leucacanthus** (Hidalgo, Queretaro) 1837 —> **Thelocactus leucacanthus** by NL Britton & JN Rose 1923,

(Echinocactus) **muricatus** (Rio Grande do Sul) 1837 —> **Parodia muricata** by A Hofacker 1998,

(Echinocactus) **pruinosus** (Mex) 1837 —> **Stenocereus pruinosus** by F Buxbaum 1961,

(Echinocactus) **robustus** (Puebla) 1837 —> **Ferocactus robustus** by NL Britton & JN Rose 1922,

(Echinocactus) **spiralis** (Puebla, Oaxaca, Veracruz) 1837 —> **Ferocactus latispinus** ssp **spiralis** by NP Taylor 1998,

(Echinocactus) **uncinatus** [w MJF Otto] (Sonora, Chihuahua, Coahuila, Nuevo Leon, Durango, San Luis Potosi, Tamaulipas, Zacatecas) 1848 —> **Sclerocactus uncinatus** by NP Taylor 1987,

(Lepismium) **paradoxum** (Brazil) 1837 —> **Rhipsalis paradoxa** by JFM Salm-Dyck 1850,

(Mamm) **carnea** (Oaxaca, Puebla) 1837,

(Mamm) **erecta** (Hidalgo) 1837 —> **Coryphantha erecta** by AC Lemaire 1868,

(Mamm) **eriacantha** (Veracruz) 1837,

(Mamm) **gracilis** (Hidalgo) 1838 —> **Mamm vetula** ssp **gracilis** by DR Hunt 1997,

(Mamm) **haageana** (Veracruz) 1837 (na Friedrich A Haage),

(Mamm) **nivosa** (British Virgin Islands) 1836

(Mamm) **ottonis** (Mex) 1838 (na CF Otto) —> **Coryphantha ottonis** by AC Lemaire 1868,

(Mamm) **supertexta** (Oaxaca, Puebla) 1837 (disc by WF von Karwinsky c1830),

(Mamm) **uncinata** (Chihuahua, Oaxaca, Hidalgo, San Luis Potosi) 1837,

(Melocactus) **curvispinus** (Colombia, Costa Rica, Guatemala, Panama, Nicaragua, Honduras, Venezuela, Chiapas, Colima, Michoacán, Oaxaca, Veracruz) 1837,

(Melocactus) **violaceus** (Brazil) 1835,

(Opuntia) **auberi** (Chiapas, Oaxaca) 1840 (na PA Auber) —> **Nopalea auberi** by JFM Salm Dyck 1850,

(Opuntia) **clavarioides** (Mendoza, San Juan) 1837 —> **Maihueniopsis clavarioides** by F Anderson 1999,

(Opuntia) **lasiacantha** (México, Guanajuato, Hidalgo, Jalisco, Oaxaca, Puebla, Queretaro, San Luis Potosi, Zacatecas) 1837,

(Opuntia) **poeppigii** (Argentina, Chile) 1837 (disc by EF Poeppig 1828 & nah) —> **Maihuenia poeppigii** by KM Schumann 1898,

(Opuntia) **puberula** (Guatemala, Mex) 1837,

(Opuntia) **pubescens** (Bolivia, Ecuador, Guatemala, Mex, Peru, Paraguay, Venezuela) 1837,

(Opuntia) **robusta** (Mex) 1837,

(Opuntia) **salmiana** (Bolivia, Paraguay, Argentina) 1837 (na JFM Salm-Dyck),

(Opuntia) **tuberosa** (Argentina) 1837 —> **Pterocactus tuberosus** by NL Britton & JN Rose 1919,

(Rhipsalis) **floccosa** (Brazil) 1837,

(Rhipsalis) **pachyptera** (Brazil) 1837 (disc by W Harrison c1825),
(Rhipsalis) **pentaptera** (Rio de Janeiro) 1836,
(Rhipsalis) **trigona** (Brazil) 1837;
transfer *species*:
"Cactus microdasys" (JGC Lehmann 1827) —> **Opuntia microsasys** 1837,
"Cactus senilis" (AH Haworth 1824) —> **Cephalocereus senilis** 1838,
"Echinocactus oxygonus" (JHF Link & CF Otto 1830) —> **Echinopsis oxygona** [w CF Otto] 1838,
"Epiphyllum crispatum" (AH Haworth 1820) —> **Rhipsalis crispata** 1837.

†**Pfennig**, (Dr) Horst (29 May 1933–1994); {Pfennig}; Ger chemical engineer;
PhD at Technical Univ in Karlsruhe 1967; scientific dir at Humana-Milchwerke Company, Herford, specializing in food technology; collected succ & orchids in East Africa (Kenya, Tanzania, Uganda & Rwanda) a number of times 1971–89, specializing in the genus Sansevieria w a number of articles on the subject; spouse Doris Pfennig;
desc *variety*:
(Sansevieria suffruticosa var) **longituba** (Kenya) 1981.

Pfister, Ferdie;
disc *species*:
(Sansevieria) **pfisteri** [w PE Downs] (Angola) (desc & nah by DJ Richards 2009).

†**Pflanz**, Karl (21 Oct 1872–20 Apr 1925); Ger consul at Villamontes, Bolivia;
sent collected cacti to Berlin;
***species* nah:**
(Echinocactus) **pflanzii** (Bolivia, Argentina, Paraguay) (desc & nah by FKJ Vaupel 1923) —> **Gymnocalycium pflanzii** by E Werdermann 1935;
disc *species*:
(Pereskia) **verticillata** Argentina, Bolivia, Paraguay) 1922 (desc by FKJ Vaupel 1923) —> **Quiabentia verticillata** by FJ Borg 1937.

†**Philbrick**, (Dr) Ralph Nowell (1 Jan 1934–10 Jul 2017); {Philbrick}; US botanist;
PhD at Cornell Univ, Ithaca, NY 1963; Dir at Santa Barbara Bot Gardens, Calif 1974–87;
Book [1963] *Biosystematic Studies of Two Pacific Coast Opuntias* Ithaca; Eng; 177p w 10 color photos; (PhD thesis),
[1967] *Plants of Calif Channel Islands* Santa Barbara, Calif; Eng; 363p;
desc *species*:
(Opuntia) **oricola** (Calif, Baja Calif) 1964 (disc by him 1964).

Philip, Chris (1928–); British horticulturist;
Book [2003] *The RHS* (Royal Horticulture Soc) *Plant Finder 2003–2004* London, Eng; Eng; 954p; (16th edition; includes succ).

†**Philippi**, (Prof) (Dr) **Rudolph** [Rudolf, Rudolfo] Amandus [Amando] (14 Sep 1808–23 Jul 1904); {Phil.}; Ger geologist, botanist & zoologist; PhD at Berlin Univ 1930; prof at Kassel College, Ger 1835–38 & 1840–51; to Chile 1851; prof of botany & zoology at Santiago Univ 1853–74; dir of Natl Museum in Santiago, Chile 1874–97; explored Atacama Desert 1853–54;

***genus* nah:**

Philippicereus (Chile) (desc & nah by C Backeberg 1942) (syn of Eulychnia PHILIPPI);

desc *genera*:

Eriosyce (Chile, Argentina) 1872,

Eulychnia (Peru, Chile) 1860;

***species* nah:**

(Cereus) **philippii** (Argentina, Chile) (desc & nah by EA von Regel 1882) —> **Austrocactus philippii** by F Buxbaum & F Ritter 1963,

(Portulaca) **philippii** (Peru, Chile) (desc & nah by IM Johnston 1929);

desc *species*:

(Alona) **mollis** (Chile) 1860 —> **Nolana mollis** by IM Johnston 1936,

(Calandrinia) **calycina** (Chile) 1860 —> **Cistanthe calycina** by MA Hershkovitz 1991,

(Calandrinia) **cymosa** (Chile) 1893 —> **Cistanthe cymosa** by MA Hershkovitz 1991,

(Calandrinia) **humilis** (Argentina, Chile) 1893 —> **Cistanthe humilis** by S Peralta 1994,

(Calandrinia) **stricta** (Chile) 1893 —> **Cistanthe stricta** by S Peralta 1994,

(Cereus) **atacamensis** (Bolivia, Chile) 1860 —> **Echinopsis atacamensis** by H von Friedrich & GD Rowley 1974,

(Dolia) **tarapacana** (Chile) 1891 —> **Nolana tarapacana** by IM Johnston 1936,

(Echinocactus) **cinereus** (Antofagasta) 1860 (disc by him 1854) —> **Copiapoa cinerea** by NL Britton & JN Rose 1922,

(Echinocactus) **humilis** (Atacama, Antofagasta) 1860 (disc by him 1854) —> **Copiapoa humilis** by PC Hutchison 1953,

(Echinocactus) **leucotrichus** (Peru, Chile) 1891 —> **Oreocereus leucotrichus** by R Wagenknecht 1956,

(Echinocactus) **napinus** (Chile) 1872 —> **Eriosyce napina** by F Kattermann 1994,

(Eulychnia) **acida** (Chile) 1864 (disc by CL Landbeck 1862),

(Eulychnia) **breviflora** (Chile) 1860,

(Eulychnia) **castanea** (Chile) 1864 (disc by CL Landbeck 1862),

(Euphorbia) **copiapina** (Chile) 1860,

(Euphorbia) **lactiflua** (Atacama) 1860,

(Euphorbia) **porphyrantha** (Atacama) 1895,

(Euphorbia) **thinophila** (Chile) 1873,

(Nolana) **linearifolia** (Chile) 1895,

(Nolana) **sessiliflora** (Chile) 1895,

(Opuntia) **patagonica** (Argentina) 1863 (disc by G Cox 1863) —> **Maihuenia patagonica** by NL Britton & JN Rose 1919,

(Opuntia) **spiniflora** (Santiago) 1859 —> **Austrocactus spiniflorus** by F Ritter 1963,

(Oxalis) **paposana** (Chile) 1846,

(Peperomia) **doellii** (Chile) 1860 (na W Doell),
(Silvaea) **amarantoides** (Chile) 1860 —> **Cistanthe amarantoides** by MA Hershkovitz 1991,
(Silvaea) **celosioides** (Chile, Peru) 1860 —> **Cistanthe celosioides** by MA Hershkovitz 1990,
(Tetragonia) **copiapina** (Chile) 1893,
(Tetragonia) **macrocarpa** (Chile) 1860,
(Tetragonia) **microcarpa** (Chile, Peru) 1872,
(Tetragonia) **ovata** (Chile) 1893,
(Tetragonia) **pendunculata** (Chile) 1872,
(Tetragonia) **pusilla** (Chile) 1872.

Phillips, (Dr) Arthur Morton, III (1947–); US botanist; Arizona bot & environment consultant; BS in biological sciences at Cornell Univ, Ithaca, NY 1969; MS (1974) & PhD (1977) in botany at Univ of Arizona, Tucson, Arizona w major in plant ecology; curator of biology at Museum of N Arizona, Flagstaff 1981–89; independent environmental consultant, Flagstaff 1990~, specializing in sensitive & endangered plants surveys & clearances, floristic surveys, ecological assessments & native Amer ethnobotany;
Book [1985] *Brady Pincushion Cactus (Pediocactus bradyi) Recovery Plan* [w BG Phillips & M Butterwick] Albuquerque, New Mex; 68p,
[1986] *Siler Pincushion Cactus (Pediocactus sileri) Recovery Plan* Albuquerque; Eng; 57p,
[1987] *Annotated Checklist of Vascular Plants of Grand Canyon Natl Park* [w BG Phillips & MA Bernzott] Grand Canyon, Arizona; Eng; 79p.

Phillips, (Dr) Barbara G; US; BS in botany at Cornell Univ, Ithaca, NY; PhD in botany at Univ of Arizona, Tucson, Arizona 1976; zone bot w Coconino, Kaibab & Prescott Natl Forests, Flagstaff, Arizona;
Book [1985] *Brady Pincushion Cactus (Pediocactus bradyi) Recovery Plan* [w AM Phillips & M Butterwick] Albuquerque, New Mex; 68p,
[1987] *Annotated Checklist of Vascular Plants of Grand Canyon Natl Park* [w AM Phillips & MA Bernzott] Grand Canyon, Arizona; Eng; 79p.

†**Phillips**, [née Ortlepp] (Lady) Dorothea Sarah Florence Alexandra (14 Jun 1863–23 Aug 1940); RSA patron of arts & science; commissioned HWR Marloth to write his *Flora of South Africa*; supported HHW Pearson in raising funds for a national bot garden in Kirstenbosch, RSA; spouse (Sir) Lionel Phillips (6 Aug 1855–2 Jul 1936), mining magnate & politician;
species **nah:**
(Cotyledon) **phillipsiae** (Western Cape) (desc by HWR Marloth 1907) —> **Adromischus phillipsiae** by JKL von Poellnitz 1940.

†**Phillips**, (Mr) EC; quartermaster sergeant;
disc *species*:
(Lithops) **bella** (Namibia) c1920 (desc by NE Brown 1922) —> **Lithops karasmontana** ssp

bella by DT Cole 1988.

†**Phillips**, (Dr) Edwin Percy (18 Feb 1884–12 Apr 1967); {E.Phillips}; RSA botanist; DSc (student of HHW Pearson) at S African College 1915; curator at S African Museum Herbarium 1911–18; curator at National Herbarium, Pretoria 1918~; FLS; awarded S Africa Biological Soc Senior Capt Scott Medal & pres 1925; first spouse Edith Isabel [nće Dawson] Phillips (–c1948); second spouse Susan [née Kriel] Phillips;
Book [1926] *The Genera of S African Flowering Plants* Pretoria, S Africa; Eng; 702p; (2nd edition 1951; 923p),
[1926] *A Preliminary List of the Known Poisonous Plants Found in S Africa* Pretoria; 30p w 20 plates,
[1940] *Opuntias in S Africa*; Eng/Ger; 28p;
desc *genus*:
Stultitia (Cape) 1933 (syn of Orbea HAWORTH);
desc *species*:
(Bulbine) **foleyi** (Western Cape) 1917 (na WJ Foley),
(Caralluma) **knobelii** (Bechuanaland) 1935 (disc by JC Knobel c1929 & nah),
(Cotyledon) **schonlandii** (Eastern Cape) 1929 (na S Schonland) —> **Adromischus cristatus** var **schonlandii** by HR Tolken 1978,
(Euphorbia) **maleolens** (Limpopo) 1932 (disc by CA Smith 1925),
(Huernia) **confusa** (Transvaal) 1932 (disc by FRR Schlechter 1894),
(Senecio) **stapeliiformis** (RSA) 1921,
(Stapelia) **forcipis** (Cape) 1932,
(Stapelia) **knobelii** (Northern Cape, North-West, Free State) 1930 (na JC Knobel) —> **Orbea knobelii** by PV Bruyns 2001,
(Stapelia) **nouhuysii** (Cape) 1929 (disc by JJ van Nouhuys & nah);
desc *variety*:
(Huernia zebrina var) **magniflora** (Transvaal) 1936,
(Huernia scabra var) **quinta**, (Limpopo, Mpumalanga) 1932 —> **Huernia quinta** by AC White & BL Sloane 1937,
(Stapelia gigantea var) **pallida** (Transvaal) 1925.

Phillips, (Mrs) Lort- — See LJ **Lort-Phillips**.

Phillips, Steven J; US; at Arizona-Sonora Desert Museum, Tucson;
Book [2000] *A Natural History of the Sonoran Desert* [w P Comus] Berkeley, Calif; Eng; 650p w 32 color plates; (editors of).

Phillips, (Dr) Sylvia Mabel (1945–); British botanist; PhD at Bristol Univ, Eng 1998; botanist at Kew 1966–73, specializing in grasses & pipeworts; freelance botanist 1982~;
Book [2002] *Portulacaceae* part from *Flora of Tropical East Africa* Rotterdam, Netherlands; Eng;
desc *species*:
(Portulaca) **conoidea** (Kenya) 2000,

(Portulaca) **coralloides** (Kenya & adjacent islands) 2000,
(Portulaca) **massaica** (Kenya, Tanzania) 2000,
(Portulaca) **olosirwa** (Kenya) 2000.

Phillipson, Peter [**Pete**] Burton (21 Feb 1957–); {Phillipson}; British botanist; MSc at Reading Univ, UK 1980; lecturer at Univ of Fort Hare, Alice, RSA 1980–86; research associate of Mada program at Missouri Bot Garden, St. Louis, Missouri 1987; scientific officer of ministry of agriculture, Reading, UK 1988; lecturer & curator of Schonland Herbarium at Rhodes Univ, Grahamstown, RSA 1989–96 & 2000–02; research associate & technical advisor of Tanzania program at Missouri Bot Garden 1997–99 & assistant curator of Missouri Bot Garden based at Muséum Natl d'Histoire Naturelle, Paris, France 2003~; explored & collected in RSA 1980–86, 1989–96 & 2000–03, Mada 1987–2005, Tanzania 1996–99 & other African countries 1980–2005;
***species* nah:**
(Cynanchum) **phillipsonianum** (Mada) (desc & nah by SL Liede & U Meve 1996);
desc *species*:
(Delonix) **pumila** [w DJ Du Puy & R Rabevohitra] (Mada) 1995 (disc by them 1993),
(Tetradenia) **cordata** (Mada) 1998 (disc by S Forestier);
transfer *species*:
"Poinciana leucantha" (R Viguier 1949) —> **Delonix leucantha** [w DJ Du Puy & R Rabevohitra] 1995;
desc *subsp*:
(Delonix leucantha ssp) **bemarahensis** [w DJ Du Puy & R Rabevohitra] (Mada) 1995 (disc by PB Phillipson 1987),
(Delonix leucantha ssp) **gracilis** [w DJ Du Puy & R Rabevohitra] (Mada) 1995 (disc by them 1990).

†**Pichi-Sermolli**, Rudolfo Emilio Guiseppe (24 Feb 1912–6 Oct 2005); {Pic.Serm.}; Italian botanist & naturalist; graduate in natural history at Florence Univ, Tuscany, Italy 1935 & assistant at its Nat'l Bot Institute 1935–58; prof of botany at Univ of Sassari, Sardinia 1958–59; prof at institute of botany, Univ of Genoa, Italy & dir of bot garden 1959~; interested in ecology & phytogeography of tropical Africa; spouse Clara [née Bernardini] Pichi-Sermolli;
desc *species*:
(Bauhinia) **humifusa** [w G Roti Michelozzi Clavarino] (Somalia, Kenya) 1957 —> **Tylosema humifusum** by JPM Brenan 1963.

†**Pichon**, Marcel (1921–1954); {Pich.}; French botanist; specialized in Apocynaceae;
transfer *species*:
"Pachypodium ramosum" (JN Costantin & D Bois 1907) —> **Pachypodium lamerei** var **ramosum** 1949,
"Pachypodium windsorii (HL Poisson 1917) —> **Pachypodium baronii** var **windsorii** 1949.

†**Pickering**, (Dr med) Charles (10 Nov 1805–17 Mar 1878); {Pickering}; US physician, natural history researcher, botanist, zoologist & anthropologist;

MD at Boston Medical College1826; physician in Philadelphia, Pennsylvania 1827–37; librarian & curator at Academy of Natural Sciences, Philadelphia 1828–37; chief zoologist on US Exploring Expedition to Pacific Ocean Islands 1838–42; collected in Near East, eastern Africa & India 1843–45; physician in Boston, Massachusetts 1845~;
species **nah:**
(Calandrinia) **pickeringii** (New S Wales, Queensland) (desc & nah by A Gray 1854)
—> **Parakeelya pickeringii** by MA Hershkovitz 1999.

Pickhard, R (fl. 1932)
species **nah:**
(Drosanthemum) **pickhardii** (RSA) (desc & nah by HML Bolus 1967).

†**Pickwell**, Gayle;
Book [1939] *Deserts* NYC; Eng; 174p.

Piekscz, L; Poland;
Book [1977] *Rodaj Mammillia HAWORTH* Tódzki, Poland; Polish; 13p.

†**Pienaar**, Kristo Johannes (4 Jul 1922–6 Apr 1996); Cape Town, RSA;
Book [1984] *The S African What Flower is That?* Cape Town, RSA; 368p,
[1985] *Grow S African Plants* Eng; 239p,
[1987] *A-Z of Garden Flowers in South Africa* Cape Town, RSA; Eng; 368p;

Piens, Eric JM; Belgian horticulturist & publisher;
Book [1987] *Parodia (Bibliographie 1896–1987)* Merelbeke, Belgium; 106p,
[1989] *Succulenta 70 Index 1919–89* Merelbecke;
Vol 1, 193p; Vol 2, 189p,
[1992] *Alphabetisch Register van Het Tijdschrift "Kaktusweelde" 1955–91* Merelbeke; 94p,
[1995] *Schlagwortverzeichnis Index KuaS 1985–94 (10 Jahre "Kakteen und Andere Sukkulenten")* Merelbeke; 146p,
[1996] *Notocactus Bibliography 1905–1995* Merelbeke; 179p,
[1996] *Parodia bibliography 1896–1996* Merelbeke; 118p.

Pieper, Rex D;
Book [1974] *Ecological Characteristics of Walkingstick Cholla* [w KH Rea & JG Fraser] Las Cruces, New Mex; Eng; 20p; (Opuntia imbricata).

Pierce, (Dr med) JM; US physician;
Book [1965] *Peyote* [w DS Flattery] Berkeley, Calif; Eng; 64p.

Pierce, [later Cowling,] (Dr) Shirley M (fl. 1997); {S.M.Pierce}; RSA botanist & scientific editor; curator of Mesemb collection at Bolus Herbarium & research associate at Institute for Plant Conservation at Univ of Cape Town, RSA; editor of journal of Bot Soc of S Africa *Veld & Flora*; spouse Richard Cowling;

Book [1993] *Studies on the Mesemb (Aizoaceae)* [w AV Hall]; Bolus Herbarium, Rondebosch, RSA; Eng; 107p w hand illustrations in black & white; (editor of),

[1997] *Vegetation of s Africa* [w DM Richardson & RM Cowling] Cambridge, Eng; Eng; 615p; (editors of),

[1999] *Namaq: A Succulent Desert* [w RM Cowling] Vlaeberg, RSA; 156p w 330 color photos;

desc *species*:

(Brownanthus) **neglectus** [w M Gerbaulet] (Namaq) 1997,

(Brownanthus) **pseudoschlichtianus** [w M Gerbaulet] (Namaq) 1997;

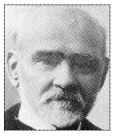
transfer *species*:

"Pseudobrownanthus nucifer" (H-D Ihlenfeldt & V Bittrich 1985) —> **Brownanthus nucifer** [w M Gerbaulet] 1997.

Pierotti, Serafin Angel (fl. 1944–48); Argentinian botanist & herpetologist, collector & taxidermist at Instituto Lillo; collected in Argentina & Bolivia;

disc *species*:

(Peperomia) **hadrostachya** (Argentina) (desc by TG Yuncker 1953).



†**Pierre**, Jean Baptiste **Louis** (23 Oct 1833–30 Oct 1905); {Pierre}; French botanist; at Calcutta Bot Garden, India 1861–65; dir of Saigon Bot Gardens 1865–1877; collected in Indo China 1865–77;

***species* nah:**

(Stephania) **pierrei** (Cambodia) (desc & nah by FLE Diels 1910).

†**Piers**, Charles Presgrave (Aug 1885–29 Jul 1962); RSA; government land surveyor in Rhodesia;

disc *species*:

(Aloe) **inyangensis** (Zimbabwe) 1931 (desc by HB Christian 1936),

(Huernia) **piersii** (Eastern Cape) 1906(desc & nah by NE Brown 1909).

†**Pilbeam**, **John** Wm (4 Jun 1931-9 Sep 2023); {Pilbeam}; British civil servant, horticulturist & nurseryman; worked 40 yrs w British government in Export Credits Guarantee Dept ♒1988; owner of nursery *Connoisseurs' Cacti* 1988~; secretary of Mamm Soc; IOS member 1973; CSSA Fellow award 1997; BCSS Fellow award 1998 & Pres 2011-12; Veitch Memorial Medal 2015; CSSA MKLA award 2017;

Book [1970] *The First Fifty Haworthias* Morden, Eng; Eng; 40p w 50 illustrations,

[1975] *The Second Fifty Haworthias* Buckhurst Hill, Eng; Eng; 74p w 57 illustrations,

[1981] *Mamm (A Collectors Guide)* London, Eng; Eng; 165p w 32 color photos,

[1983] *Haworthia & Astroloba: A Collectors Guide* Portland, Oregon; Eng; 167p; w 59 color

photos & paintings,

[1984] *How to Care for Your Succ* London; Eng; 80p; (1984 Amer version, *The Instant Guide to Healthy Succ* NYC),

[1984] *How to Care for Your Cacti* London; Eng; 80p; (1984 Amer version, *The Instant Guide to Healthy Cacti* NYC),

[1985] *Sulcorebutia & Weingartia (A Collector's Guide)* London; Eng; 144p w 104 color photos,

[1987] *Cacti for the Connoisseur (A Guide for Growers & Collectors)* Portland, Oregon; Eng; 167p w 160 color photos by Bill Weightman,

[1987] *Mammillaria, A Colour Supplement* Orpington, Kent, Eng; Eng; 292p w 290 color photos by Bill Wieghtman,

[1995] *Gymnocalycium - a Collector's Guide* Rotterdam, Netherlands; Eng; 191p w 124 color photos,

[1996] *Thelocactus (The Cactus File Handbook 1)* Holbury, Eng; Eng; 56p w 40 color photos,

[1997] *Rebutia (The Cactus File Handbook 2)* Holbury; Eng; 160p w 139 color photos,

[1998] *Adromischus (The Cactus File Handbook No 3)* [w C Rodgerson & D Tribble] Southampton, Eng; Eng; 104p w 109 color photos,

[1999] *Mamm (The Cactus File Handbook #6)* Southhampton, UK; Eng; 376p w 425 color photos,

[2004] *A Sulco Gallery* [w DR Hunt] Sumerset, UK; Eng; 64p w 238 color photos,

[2005] *Ferocactus* [w D Bowdery]; Eng; 116p w 127 color photos,

[2006] *Ariocarpus et cetera, The Special, Smaller Genera of Mexican Cacti* [w W Weightman] Eng; Eng; 140p w 250 color photos,

[2008] *The Genus Echeveria* Hornchurch, Essex, Eng; Eng; 333p w 6 color plates & 474 color photos,

[2010] *Stapeliads* Essex, UK; Eng; 207p w 686 color photos,

[2013] *A Gallery of Agaves (including variegates)* Suffolk, UK; Eng; 317p,

[2016] *Small Opuntias* [w M Partridge] Eng; 136p w 276 color photos,

[2017] *Mammillaria – Now & Again;* UK; Eng; 242p w over 550 color photos,

[2018] *Rebutia, Sulcorebutia, & Weingartia — unravelled* self pub; Eng; 130p w 240 color photos;

transfer *species*:

"Haworthia subregularis" (JG Baker 1871) —> **Haworthia reticulata** var **subregularis** 1983,

"Weingartia albissima" (F Brandt 1980) —> **Sulcorebutia albissima** 1985;

transfer *variety*:

"Mamm huitzilopochtli var niduliformis" (AB Lau 1994) —> **Mamm huitzilopochtli** ssp **niduliformis** 1999;

desc *forma*:

(Haworthia comptoniana fa) **major** (Cape) 1983.

Pilcher, BL;

Book [1969] *Vascularization in seedlings of Four Species of Opuntia*; 110p.

†**Pilger**, (Prof) (Dr) Robert Knud Friedrich (3 Jul 1876–9 Jan 1953); {Pilg.}; Ger botanist; PhD at Berlin Univ (student of HGA Engler) 1898; collected in Brazil 1898–1900; prof & dir at Berlin-Dahlem Univ 1900–50; interested in conifers;
desc *species*:
(Ipomoea) **inamoena** 1910.

†**Pillans**, Charles **Eustace** (26 Feb 1850–15 Mar 1919); RSA civil servant; horticultural assistant of Cape Colony; dir of Cape Government Labor Bureau; gardener & collector at Cape; spouse Mary [née Porter] Pillans; son NS Pillans;
***species* nah:**
(Cheiridopsis) **pillansii** (Cape) (desc & nah by HML Bolus);
disc *species*:
(Duvalia) **parviflora** (Western Cape, Eastern Cape) 1906 (desc by NE Brown 1909),
(Euphorbia) **eustacei** (Western Cape) 1910 (desc & nah by NE Brown 1913),
(Huernia) **longituba** (Botswana, Limpopo, North-West, Free State, Northern Cape) 1906 (desc by NE Brown 1909),
(Mesemb) **rosulatum** (Cape) 1908 (desc by HML Bolus 1909) —> **Aloinopsis rosulata** by MHG Schwantes 1926,
(Stapelia) **jucunda** [w ME Barber] (Northern Cape, Western Cape, Free State, Namibia) (desc by NE Brown 1909) —> **Tridentea jucunda** by LC Leach 1978;
disc *variety*:
(Huernia clavigera var) **maritima** 1907 (desc by NE Brown 1909).

†**Pillans**, Neville Stuart (2 May 1884–23 Mar 1964); {Pill.}; RSA botanist at Bolus Herbarium, Univ of Cape Town, RSA (1918–53); collector of Stapelieae & other succ in RSA; father CE Pillans;
desc *genus*:
Stapeliopsis (Namibia) 1928;
***species* nah:**
(Apatesia) **pillansii** (Cape) (desc & nah by NE Brown 1927),
(Cephalophyllum) **pillansii** (Namaq) (desc & nah by HML Bolus 1929),
(Cheiridopsis) **pillansii** (Little Namaq) (desc & nah by HML Bolus 1927),
(Conophytum) **pillansii** (Cape) (desc & nah by HML Bolus 1929),
(Gasteria) **pillansii** (Little Namaq) (desc & nah by HML Bolus 1909),
(Mesemb) **pillansii** (desc & nah by HML Bolus) —> **Erepsia pillansii** by SL Liede 1990,
(Pectinaria) **pillansii** (Eastern Cape) (desc & nah by NE Brown 1909) —> **Stapeliopsis pillansii** by PV Bruyns 1981,
(Pelargonium) **pillansii** (Western Cape) (desc & nah by TM Salter 1938),
(Piquetia) **pillansii** (desc & nah by NE Brown 1925),
(Psammophora) **pillansii** (Namaq) (desc & nah by HML Bolus 1927) —> **Arenifera pillansii** by AGJ Herre 1948,
(Rhinephyllum) **pillansii** (Western Cape) (desc & nah by NE Brown 1927),
(Schwantesia) **pillansii** (Northern Cape) (desc & nah by HML Bolus 1929),

(Sterropetalum) **pillansii** (desc & nah by NE Brown 1928) —> **Nelia pillansii** by MHG Schwantes 1929,

(Tetragonia) **pillansii** (Little Namaq) (desc & nah by RS Adamson 1955);

disc *species*:

(Aloe) **arenicola** (Northern Cape, Western Cape) 1924 (desc by GW Reynolds 1938),

(Aloe) **pillansii** (Namibia, Northern Cape) 1926 (desc & nah by L Guthrie 1928) —> **Aloe dichotoma** ssp **pillansii** by BJM Zonneveld 2002,

(Caralluma) **inversa** (Western Cape) c1902 (desc by NE Brown 1903) —> **Quaqua inversa** by PV Bruyns 1983.

(Caralluma) **pillansii** (Western Cape) (desc & nah by NE Brown 1909) —> **Quaqua pillansii** by PV Bruyns 1983,

(Conophytum) **altum** (Namaq) c1916 (desc by HML Bolus 1927) —> **Conophytum bilobum** ssp **altum** by SA Hammer 1993,

(Duvalia) **maculata** (Northern Cape, Eastern Cape, Namibia) (desc by NE Brown 1908),

(Duvalia) **modesta** (Eastern Cape) (desc by NE Brown 1908),

(Duvalia) **pillansii** (Eastern Cape) (desc & nah by NE Brown 1908),

(Euphorbia) **pillansii** (Western Cape) c1911 (desc & nah by NE Brown 1913),

(Fenestraria) **aurantiaca** (Namaq) (desc by NE Brown 1927) —> **Fenestraria rhopalophylla** var **aurantiaca** by HEK Hartmann 1982,

(Huernia) **namaquensis** (Cape) 1926 (desc by him 1930),

(Huernia) **pillansii** [w HWR Marloth] (Western Cape, Eastern Cape) 1904 (desc & nah by NE Brown 1904),

(Huernia) **praestans** (Western Cape) (desc by NE Brown 1909),

(Mesemb) **marmoratum** (Little Namaq) 1918 (desc by NE Brown 1920) —> **Lithops marmorata** by NE Brown 1922,

(Mesemb) **minusculum** (Cape) 1908 (desc by NE Brown 1913) —> **Conophytum minusculum** by NE Brown 1922,

(Mesemb) **resurgens** (Northern Cape, Western Cape) (desc by HML Bolus 1909) —> **Phyllobolus resurgens** by MHG Schwantes 1928,

(Mesemb) **turrigerum** (Cape) c1916 (desc by NE Brown 1920) —> **Conophytum turrigerum** by NE Brown 1922,

(Pectinaria) **arcuata** (Eastern Cape) 1903 (desc by NE Brown 1909) —> **Ophionella arcuata** by PV Bruyns 1981,

(Pectinaria) **saxatilis** (Eastern Cape, Western Cape) (desc by NE Brown 1904) —> **Neopectinaria saxatilis** by DCH Plowes 2003,

(Piaranthus) **parvulus** (Western Cape) (desc by NE Brown 1908),

(Stapelia) **fucosa** (Eastern Cape) (desc by NE Brown 1909) —> **Orbea verrucosa** var **fucosa** by LC Leach 1978,

(Stapelia) **miscella** (Western Cape, Eastern Cape) (desc by NE Brown 1909) —> **Orbea miscella** by U Meve 2000,

(Stapelia) **pillansii** (Western Cape) c1903 (desc & nah by NE Brown 1904),

(Trichocaulon) **grande** (Cape) (desc by NE Brown 1909),

(Trichocaulon) **pillansii** (Western Cape) (desc & nah by NE Brown 1904) —> **Hoodia**

pilifera ssp **pillansii** by PV Bruyns 1993;
desc *species*:
(Aloe) **fosteri** (Mpumalanga) 1933 (na CW Foster),
(Aloe) **gariepensis** (Namibia, Northern Cape) 1933,
(Aloe) **immaculata** (Limpopo) 1934,
(Aloe) **karasbergensis** (Northern Cape, Namibia) 1928 (disc by him 1926) —> **Aloe striata** ssp **karasbergensis** by HF Glen & DS Hardy 1987,
(Aloe) **khamiesensis** (Northern Cape) 1934 (disc by artist H Claudius on S van der Stel expedition to Copper Mtn 1685),
(Aloe) **mutabilis** (Gauteng, North-West, Mpumalanga, Limpopo) 1933 (disc by JC van Balen 1933),
(Aloe) **petrophila** (Limpopo) 1933,
(Aloe) **polyphylla** (Lesotho) 1934 (disc by FH Holland 1915),
(Aloe) **ramosissima** (Northern Cape, Namibia) 1937 (disc by him 1936) —> **Aloe dichotoma** ssp **ramosissima** by BJM Zonnefeld 2002,
(Aloe) **vanbalenii** (Natal) 1934 (disc by JC van Balen 1933 & nah),
(Anacampseros) **comptonii** (Western Cape) 1927 (na RH Compton),
(Caralluma) **framesii** (Western Cape) 1928 (disc by PR Frames 1926 & nah) —> **Quaqua framesii** by PV Bruyns 1983,
(Caralluma) **tessellata** (Northern Cape, Western Cape) 1933 (disc by PR Frames 1929) —> **Notechidnopsis tessellata** by JJ Lavranos & MC Bellerue-Bleck 1985,
(Crassula) **comptonii** [w J Hutchinson] (Northern Cape) 1946 (na RH Compton) —> **Crassula namaquensis** ssp **comptonii** by HR Tolken 1975,
(Huernia) **longii** (Eastern Cape) 1939 (na FR Long),
(Huernia) **namaquensis** (Namibia, Northern Cape) 1930,
(Othonna) **herrei** (Little Namaq) 1934 (disc by AGJ Herre & nah),
(Pectinaria) **mirkinii** (Eastern Cape) 1939 (disc by R James 1938 & na ED Mirkin) —> **Ophionella arcuata** ssp **mirkinii** by PV Bruyns 1999,
(Piaranthus) **framesii** (Northern Cape, Western Cape) 1928 (disc by PR Frames 1926 & nah),
(Portulacaria) **pygmaea** (Northern Cape) 1928 —> **Ceraria pygmaea** by GD Rowley 1996,
(Stapelia) **gariepensis** (Namibia, Northern Cape) 1928 (disc by him 1926),
(Stapelia) **immelmaniae** (Western Cape) 1928 (disc by Immelman c1927 & nah),
(Stapelia) **thudichumii** (Northern Cape) 1959 (disc by J Thudichum 1954 & nah) —> **Tromotriche thudichumii** by LC Leach 1982,
(Stapeliopsis) **neronis** (Northern Cape, Namibia) 1928 (disc by him 1926 & na his wagon driver Nero),
(Trichocaulon) **cinereum** (Little Namaq) 1928 (disc by him 1926),
(Trichocaulon) **truncatum** (Little Namaq) 1937 (disc by RHN Smithers 1935);
disc *variety*:
(Duvalia elegans var) seminuda (Cape) (desc by NE Brown 1909),
(Duvalia reclinata var) **angulata** (Cape) (desc by NE Brown 1909),
(Duvalia reclinata var) **bifida** (Cape) (desc by NE Brown 1909),
(Huernia brevirostris var) **intermedia** (Eastern Cape) (desc by NE Brown 1909) —> **Huernia**

brevirostris ssp **intermedia** by LC Leach 1988.

Pilon-Smits, (Prof) (Dr) Elizabeth Annetje Hendrika (1964–); Dutch biologist; PhD at Utrecht Univ, The Netherlands 1992; to US 1994; post doctoral work at Univ of Calif Berkeley 1994–98; associate prof of biology at Colorado State Univ, Fort Collins, Colorado 1998~; interested in using plants for environmental cleanup (phytoremediation);
Book [1992] *Variation & Evolution of Crassulacean Acid Metabolism in Sedum & Aeonium (Crassulaceae)* Utrecht; Eng; 106p; (PhD thesis).

Pilous, J;
Book [1956] *Botanický Sloveníček atinsko-český, Zvláště Pro Obor Kaktusářský* Praha; 52p.

Piltz, Jörg [Joerg] (19 Jan 1944–); {Piltz}; Ger nurseryman; owner of nursery in Düren-Birgel, Ger; explored in Argentina; specialist on Gymnocalycium w spouse Brigitte Piltz;
Book [1988] *Feldnummerliste Piltz* Duren; 14p;
desc *genus*:
Yavia [w R Kiesling] (Jujuy) 2001;
desc *species*:
(Gymnocalycium) **taningaense** (Cardoba) 1990 (disc by him 1980),
(Yavia) **cryptocarpa** [w R Kiesling] (Jujuy) 2001 (disc by R Kiesling, E & V Foik 2000).

Pimienta Barrios, (Dr) Eulogio; Mex biologist;
PhD at Univ of Calif, Davis;
Book [1986] *Establescimiento y Manjo de Plantaciones de Nopal Tunero en Zacatecas* Zacatecas, Mex; 34p,
[1990] *El Nopal Tunero* Guadalajara, Mex; 246p.

†**Pina**, [Pina Lujan,] Ignacio (–16 Sep 2000); {Pina or Pina Lujan}; Mex botanist; IOS member 1980;
Book [1966] *Cactaceaeas y Otras Suculentas del Estado de Mex* [w J Meyran] Mex City; Spanish; 135p,
[1977] *La Grana o Cochinilla del Nopal* Mex City; Spanish; 55p,
[1980] *Las Plantas Mexicanas del Genero Yucca* [w E Matuda] Toluca, Mex; Spanish; 145p;
desc *species*:
(Yucca) **coahuilensis** [w E Matuda] (Coahuila) 1980,
(Yucca) **truncatum** (Queretero) 1989 (disc by him).

†**Pinart**, AL;
Book [1892] *L'Agave americana (Agave) et ses Different Produits* [w H Bourgeois] Paris, France; 79p.

Pinelo, Antonio de Leon — See **Leon Pinelo**, Antonio de.

†**Pinkava**, (Prof) (Dr) **Donald** John (29 Aug 1933–25 Jul 2017); {Pinkava}; US biologist & botanist; PhD in botany at Ohio State Univ 1964; prof of botany & dir of herbarium at Arizona State Univ in Tempe 1964~; research & publisher in genetics & hybridization of succ; co-editor of *Journal of Arizona-Nevada Academy of Sciences*; collected in mainland Mex & Baja Calif 1970~; IOS member 1985; CSSA Fellow award 1993; spouse Mary J [née Klements] Pinkava;

Book [1984] *Peebles Navajo Cactus (Pediocactus peeblesianus var peeblesianus) Recovery Plan* Albuquerque, New Mex; Eng; 58p;

***species* nah:**

(Opuntia) **pinkavae** (Arizona, Utah) (desc & nah by BD Parfitt 1998 & disc by BD Parfitt 1980);

desc *species*:

(Cylindropuntia) **delgadilloana** [w JP Rebman] (Baja Calif) 2001 (na J Delgadillo & disc by JP Rebman 1994),

(Opuntia) **anteojoensis** (Coahuila) 1976 (disc by MC Johnston 1973) —> **Cylindropuntia anteojoensis** by EF Anderson 2000;

transfer *subsp*:

"Opuntia acanthocarpa ssp ganderi" (CB Wolf 1938) —> **Cylindropuntia ganderi** [w JP Rebman] 2001;

transfer *variety*:

"Opuntia macrocentra var aureispina" (S Brack & KD Heil 1988) —> **Opuntia aureispina** [w BD Parfitt] 2001.

Pino, [Pino Infante,] (Dr med) Guillermo Eloy (4 Apr 1968–); {Pino}; Lima, Peru; plastic surgeon & botanist; explored & collected succ in Peru 1990~; BS in medicine 1991; MS in botany w thesis *'Peperomias of the province of Cajamarca in northern Peru'* 2004; works w Museum & Herbarium of Natural History in Lima;

desc *species*:

(Echeveria) **andicola** (Peru) 2005 (disc by him 2004),

(Peperomia) **callana** (Peru) 2012 (disc by PC Hutchison 1964),

(Peperomia) **cereoides** [w N Cieza] (Peru) 2003 (disc by C Brunt 2000),

(Peperomia) **ciezae** (Peru) 2012 (disc by G Pino & N Cieza 2005 & na N Cieza),

(Peperomia) **chutanka** (Peru) 2008 (disc by him 2006),

(Peperomia) **columnaris** [w O Klopfenstein] (Amazonas A) 2005 (disc by PC Hutchison 1964),

(Peperomia) **erosa** (Peru) 2012 (disc by PC Hutchison & JK Wright 1964),

(Peperomia) **liclicensis** [w O Klopfenstein] (Peru) 2003 (disc by C Brunt 2000),

(Peperomia) **maijeri** (Peru) 2012 (disc by WW Krahn 1979 & na R Maijer),

(Peperomia) **mantaroana** (Peru) 2012 (disc by him 2012),

(Peperomia) **mathieui** [w M-S Samain] (Peru) 2012 (disc by PC Hutchison & JK Wright 1964 & na G Mathieu),

(Peperomia) **mitoensis** [w M-S Samain] (Peru) 2012 (disc by M-S Samain, V Morales & G Pino 2010),

(Peperomia) **palmiformis** [w M-S Samain] (Peru) 2012 (disc by G Mathieu, L Symmank & G Pino 2009),
(Peperomia) **samainiae** (Peru) 2012 (disc by E Cerrate 1956 & na M-S Samain),
(Peperomia) **selenophylla** [w N Cieza] (Peru) 2012 (disc by O Klopfenstein & N Cieza 2003),
(Peperomia) **strawii** [w O Klopfenstein] (Peru) 2004 (disc by PC Hutchison 1964 & na RM Straw),
(Sedum) **isidorum** (Peru) 2009 (disc by him 2007);
(Sedum) **renzopalmae** (Peru) 2006 (disc by him 2006 & na Renzo Palma),
(Villadia) **aureistella** [w N Cieza] (Peru) 2009 (disc by N Cieza 2004),
(Villadia) **kimnachii** [w N Cieza] (Peru) 2009 (disc by G Pino 2003 & na MW Kimnach),
(Villadia) **klopfensteinii** [w N Cieza] (Peru) 2009 (disc by PC Hutchison 1964 & na O Klopfenstein),
(Villadia) **paniculata** [w N Cieza] (Peru) 2009 (disc by O Klopfenstein & N Cieza 2002),
(Villadia) **thiedei** [w N Cieza] (Peru) 2009 (disc by San Marcos Bot Garden team 2003 & na J Thiede);
transfer *species*:
"Cotyledon incanum" (J Ball 1885) —> **Sedum incarum** 2006,
"Echeveria backebergii" (JKL von Poellnitz 1935) —> **Echeveria chiclensis** var **backebergii** 2002;
desc *variety*:
(Peperomia cereodes var) **reducta** [w N Cieza] (Peru) 2004 (disc by G Pino 2003),
(Peperomia cymbifolia var) **goodspeedii** [w N Cieza] (Cajamarca) 2005 (disc by PC Hutchison 1964 & na TH Goodspeed),
(Peperomia dolabriformis var) **grandis** [w O Klopfenstein] (Amazonas A) 2005 (disc by PC Hutchison 1964),
(Peperomia dolabriformis var) **lombardii** (Cajamarca) 2008 (disc by G Pino 2007 & na G Lombardi),
(Peperomia dolabriformis var) **multicaulis** (Cajamarca) 2008 (disc by G Pino 2008),
(Peperomia hartwegiana var) **minutifolia** [w O Klopfenstein] (Peru) 2004 (disc by G Pino 2003),
(Peperomia nivalis var) **compacta** [w N Cieza] (Peru) 2003,
(Peperomia nivalis var) **sanmarcensis** [w N Cieza] (Peru) 2004.

†**Pinto**, (Prof) Geraldo Carlos Pereira (1919–14 Sep 2009); Brazilian agronomist;;
disc *species*:
(Pereskia) **aureiflora** (Bahia, Minas Gerais) 1950 (desc by F Ritter)1979.

†**Piper**, (Dr) Charles Vancouver (16 Jun 1867–11 Feb 1926); {Piper}; US botanist & agronomist; founded herbarium at State College, Pullman, Washington 1890 & prof of botany 1893–1903; dir of Bureau of Plant Industry at USDA in DC 1903~; field work in Alaska 1904, Philippines 1911, Canal Zone 1923 & Europe 1924;
DSc at Kansas State Agricultural College, Manhattan 1921;
desc *species*:

(Oreobroma) **longipetalum** (Calif) 1913 (disc by JG Lemmon 1875) —> **Lewisia longipetala** by S Clay 1937.

Pippen, (Dr) Richard W (1935–); {Pippen}; USA botanist; prof of biology at Western Michigan Univ, Kalamazoo;
Book[1968] *Mex "Cacalioid" Genera Allied to Senecio (Compositae)*; DC; Eng; 84p.

†**Piraino**, [Pirajno,] (Baron) Enrico (3 Dec 1809–15 Oct 1864); [Baron of Mandralisca]; Sicilian wealthy aristocrat, benefactor & collector of Sicilian art; interested in Sicilian snails; *Museum Mandralisca*, Celalù, Sicily na his locality; spouse Maria Francesca [née Parisi] Piraino;
species **nah:**
(Kleinia) **mandraliscae** (desc & nah by V Tineo 1878) —> **Senecio talinoides** ssp **mandraliscae** by GD Rowley 1990.

†**Pirotta**, Pietro Romualdo (7 Feb 1853–3 Aug 1936); Italian botanist; graduate at Univ of Pavia 1875; dir of bot garden at Modena 1880–83; prof of botany & dir of bot garden at Univ of Rome 1883–28; pres of Bot Soc of Italy;
species **nah:**
(Aloe) **pirottae** (Ethiopia, Kenya) (desc & nah by A Berger 1905 & disc by D Riva & E Ruspoli).

†**Pistorini**, (Dr med) Jacobo [Jaime, Santiago] (–1776); Italian botanist; Italy to Spain; physician to Spanish King Carlos [Charles] III 1766;
genus **nah:**
Pistorinia (Iberian peninsula) (desc & nah by AP de Candolle 1828).

†**Pitard**, [Pitard-Briau,] Charles-Joseph-Marie (30 Oct 1873–29 Dec 1927); {Pit.}; French botanist; dir of Faculty of Science, Bordeaux; prof of School of Medicine & Pharmacy, Tours 1907; collected in Morocco, Tunisia & Canary Islands;
transfer *species*:
"Sempervivum hierrense" (RP Murray 1899) —> **Aeonium hierrense** [w LA Proust] 1909,
"Sempervivum percarneum" (RP Murray 1899) —> **Aeonium percarneum** [w LA Proust] 1909,
"Aichryson sedifolium" (CA Bolle 1859) —> **Aeonium sedifolium** [w LA Proust] 1909.

Pitman, Norah;
Book [1973] *Trees of Southern Africa* [w E Palmer]; 1497p; (in 2 Vols, including aloes, euphorbias & other succ).

†**Pittier**, [Pittier de Fabrega,] (Dr) **Henri** [Henry] François (13 Aug 1857–27 Jan 1950); {Pittier}; Swiss botanist, ethnologist, geographer, naturalist & civil engineer; PhD at Univ of Jena, Ger 1885; honorary doctorate from Lausanne Univ, Switzerland; to Costa Rica 1887–1905 where he founded the *Physical Geographic Institute*; botanist w USDA

1905–1919; to Venezuela 1919~ where *Henri Pittier Natl Park* (created in 1937) nah 1953; explored & collected in Central Amer & in Colombia & Venezuela 1905–19;
spouse Jennie Adeline Desiree [née Hefti] Pittier (1858–1889);
***species* nah:**
(Phyllocactus) **pittieri** (Costa Rica) (desc & nah by FAC Weber 1898) —> **Epiphyllum hookeri** ssp **pittieri** by R Bauer 2003;
disc *species*:
(Cereus) **calcaratus** (Costa Rica) 1901 (desc by FAC Weber 1902) —> **Hylocereus calcaratus** by NL Britton & JN Rose 1909,
(Echeveria) **pittieri** (Guatemala, Nicaragua, Costa Rica) (desc & nah by JN Rose 1911),
(Lemaireocereus) **humilis** (Colombia) 1906 (desc by NL Britton & JN Rose 1920) —> **Stenocereus humilis** by DR Hunt 2002,
(Opuntia) **pittieri** (Colombia) 1906 (desc & nah by NL Britton & JN Rose 1919),
(Rhipsalis) **pittieri** (Venezuela) 1913 (desc & nah by NL Britton & JN Rose 1923) —> **Rhipsalis floccosa** ssp **pittieri** by WA Barthlott & NP Taylor 1995,
(Wittia) **panamensis** (Panama, Colombia, Venezuela, Costa Rica) 1911 (desc by NL Britton & JN Rose 1913) —> **Pseudorhipsalis amazaonica** ssp **panamensis** by R Bauer 2003.

†**Pittoni**, Josef Claudius (4 Jul 1797–2 Apr 1878); {Pittoni}; Austrian botanist & administrator; Knight of Dannenfeldt;
***species* nah:**
(Sempervivum) **pittonii** (Austria) (desc & nah by ACV Schott, CF Nyman & KGT Kotschy 1854).

Pizzetti, Mariella; Italian horticulturist;
Book [1977] *Handboek van Kamerplanten en Cactussen*; Dutch 286p,
[1978] *Handboek van Cactussen en Vetplanten* Helmond, Netherlands; Dutch; 176p,
[1981] *Zauber der Kakteen und Anderer Sukkulenten* Zurich, Switzerland; Ger; 175p w 300 color photos,
[1985] *Piante Grasse, Le Cactacee*; 384p w over 350 color photos by Giuseppe Mazza; translated into Eng by Cynthia Munro as a*Simon & Shuster's Guide to C&S* (editor S Schuler & reprinted 1995),
[1985] *The MacDonald Enc of Cacti* London, Eng; Eng; 384p w 323 color photos,
[1987] *Guia de Cactus* = "Guide of Cactus"; Spanish; 383p,
[1988] *Kakteen* München, Ger; Ger; 384p w 640 color photos.

Pla, Rosa; Mex;
Book [1990] *El Agave Azul, de las Mieles al Tequila* [w J Tapia] Mex City, Mex; 61p.

Plaizier, Adrianus Cornelis (1953–); Dutch botanist; works at laboratory of plant taxonomy & plant geography at Agricultural Univ, Wageningen, Netherlands;
Book [1980] *A Revision of Adenium ROEM. & SCHULT. & of Diplorhynchus WELW. ex FIC. & HIERN (Apocynaceae)* Wageningen; Eng; 40p.

Planche, Bernard;
Book [1972] *Nouvelles Etudes sur les Joubarbes (Le Sempervivum tectorum L.)* Bordeaux, France; French; 76p.

†**Planchon**, [Plánchón,] (Prof) (Dr) Jùlès Émilè (21 Mar 1823–1 Apr 1888); {Planch.}; French botanist; DSc at Montpellier Univ, France 1844; assistant of WJ Hooker at Kew 1844–48; prof of botany at Horticultural Institute, Ghent, Belgium 1849–51, at Ecole de Pharmacie, Nancy, France 1851–53 & at Monpellier 1853–81; prof & dir of bot garden at Montpellier 1881~; established the name 'Cyphostemma', formally described as a genus in 1931 by AHG Alston; co-editor of *Flore des Serres* 1849–81;
transfer *species*:
"Vitis aralioides" (JG Baker 1868) —> **Cissus araliodes** 1887,
"Vitis microdonta (JG Baker 1882) —> **Cissus microdonta** 1887,
"Vitis nymphaeifolia" (JG Baker 1868) —> **Cissus nymphaeifolia** 1887,
"Vitis paniculata" (IB Balfour 1882) —> **Cissus paniculata** 1887,
"Vitis subaphylla" (IB Balfour 1882) —> **Cissus subaphylla** 1887.

†**Plant**, Robert W (–15 Mar 1858); British naturalist, horticulturist & nurseryman; collected in RSA 1850–52 & Mada, Tanzania, Kenya & Mauritius 1853; curator at Durban Bot Garden, Natal 1854–56;
***species* nah:**
(Stapelia) **plantii** (Cape) (desc & nah by JD Hooker 1868 & disc by ? Tuck c1886);
disc *species*:
(Stapelia) **gigantea** (Tanzania, Zambia, Mozambique, Botswana, Zimbabwe, Malawi, Natal, Swaziland) 1858 (desc by NE Brown 1877).

Plantefol, Lucien;
Book [1953] *Sur la Valeur Morphologique des Cactacées* Paris, France; 237p.

Plaskett, (Dr med) Lawrence; British biochemist & medical researcher; MD doctorate at Kings College, Univ of London, Eng 1960; lecturer in biochemistry at Edinburgh Univ Medical School 1960–65; research dir at Brooke Bond Liebig Group 1965–74; had his own biotechnology Consultancy Company 1975–82;
taught holistic alternative medicine 1982~;
Book [1996] *The Health & Medical Uses of Aloe Vera*.

Plessis, [née Immelman,] Enid Phoebe du (1 Oct 1929–); RSA botanist;
MSc at Univ College of Orange Free State 1952; botanist at Cape Town Univ 1953–68, at Rhodes Univ 1968–69, at Natl Bot Gardens, Kirstenbosch 1969–71 & at CSIR, Pretoria 1971~;
Book [1978] *The Flora Capensis of Jakob & Johann Philipp Breyne* [w MD Gunn] Johannesburg, RSA; 218p.

Plessis, [later Gill,] Rosalie du (fl 1932–1955); RSA; on staff at Bolus Herbarium, Cape Town, RSA;
***species* nah:**
(Drosanthemum) **duplessiae** (Western Cape) (desc by HML Bolus 1935).

†**Plessis**, (Dr) Stefanus Johannes du (3 Nov 1908–1995); {du Plessis}; RSA plant pathologist & agricultural policy maker; DSc Agriculture at Stellenbosch Univ 1935; researcher, lecturer & prof of plant pathology & microbiology at Stellenbosch-Elsenburg Agricultural College 1929–53; dir at Dept of Agriculture, Pretoria 1953–74;
desc *species*:
(Acrodon) **parvifolius** (Cape) 1958.

†**Plinius**, [Plinius Secundus,] Gaius [Caius] [Pliny The Elder] (23AD–24 Aug 79AD); Roman cavalry officer, naturalist, scientist, historian & encyclopedist; preserved information from some 2,000 previous books by 326 Greek and 146 Roman authors (an encyclopedia of a wide range of plants useful to man); earliest account of *Aloe*, *Aeonium, Euphorbia, Sempervivum & Sedum*;
Book [1779] Reprint of *Historiae Naturalis* = "Natural History" Paris, France; Latin; desc over 1,000 plants in 3,073p; (in 7 Vols); (originally divided into 37 books completed in 77**AD**),
[1945–56] Reprint of *Natural History*; (Eng edition edited by H Rackham & WHS Jones in 4 Vols).

Pliny, The Elder — See **Plinius**, Gaius.

Plowden, C Chicheley;
Book 1968] *A Manual of Plant Names* NYC; Eng; 260p.

†**Plowes**, **Darrel** Charles Herbert (4 Apr 1925–19 Oct 2016); {Plowes}; born in RSA to Zimbabwe 1949; Agricultural officer & naturalist; BSc in agriculture, soil conservation & ecology at Witwatersrand Univ, RSA 1948; worked in dept of agriculture, Southern Rhodesia (Zimbabwe) 1949–1982; explored in 17 countries in Africa & Yemen in search of Stapeliads, his specialty; his spirit collection of Stapeliads is housed in Natl Herbarium in Harare, Zimbabwe (SRGH); CSSA Fellow award 1994; Zimbabwe C&SS Fellow award 1994; second spouse Dr Anita [née Mackie] Plowes;
[1976] *Wild Flowers of Rhodesia* [w RB Drummond] Zimbabwe; Eng; 134p w 193 color plates;
desc *genera*:
Anomalluma (Somalia, Oman) 1993 (syn of Pseudolithos PRO BALLY),
Australluma (Namibia) 1995 (syn of Caralluma R BROWN),
Borealluma (Spain to Nepal) 1995 (syn of Caralluma R BROWN),
Caudanthera (Israel to Saudi Arabia) 1995 (syn of Caralluma R BROWN),
Crenulluma (Arabian Peninsula) 1995 (syn of Caralluma R BROWN),
Cryptolluma (Sudan) 1995 (syn of Caralluma R BROWN),
Cylindrilluma (Yemen) 1995 (syn of Caralluma R BROWN),

Hermanschwartzia (W & N Cape) 2003,
Larryleachia (Namibia, RSA) 1997 (na LC Leach),
Lavrania (Namibia) 1986 (na JJ Lavranos),
Monolluma (Arabian Peninsula) 1995 (syn of Caralluma R BROWN),
Neopectinaria (W & N Cape) 2003,
Leachia 1992 (na LC Leach) (syn of Larryleachia PLOWES),
Leachiella 1992 (na LC Leach) (syn of Lavrania PLOWES),
Pleuralluma (Somalia) 2008,
Sanguilluma (Kenya to Socotra) 1995 (syn of Caralluma R BROWN),
Saurolluma (Djibouti, Ethiopia) 1995 (syn of Caralluma R BROWN),
Somalluma (Somalia) 1995 (syn of Caralluma R BROWN),
Spiralluma (Sudan, Mauretania) 1995 (syn of Caralluma R BROWN),
Sulcolluma (Arabian Peninsula) 1995 (syn of Caralluma R BROWN),
Vadulia (Northern Cape) 2003;

species **nah:**
(Echidnopsis) **plowesiana** (Djibouti) (desc & nah by G Orlando 2004 & disc by G Orlando 2002),
(Huernia) **plowesii** (Namibia) (desc & nah by LC Leach 1988);

disc *species*:
(Aloe) **plowesii** (Zimbabwe) 1950 (desc & nah by GW Reynolds 1964);

desc *species*:
(Aloe) **inconspicua** (Natal) 1986 (disc by D Green),
(Caralluma) **darfurensis** (Sudan) 2007 (disc by 1986),
(Echidnopsis) **jacksonii** (Ethiopia) 1993 (disc by THE Jackson 1943 & nah),
(Echidnopsis) **rubrolutea** (Somalia) 1993,
(Echidnopsis) **yemenensis** (Yemen) 1993,
(Hoodia) **longispina** (Namibia) 1993 (disc by him 1978),
(Huernia) **baradii** (Yemen) 2014 (na GS Barad),
(Huernia) **delicata** (Ethiopia) 2014,
(Huernia) **khalidbinsultanii** [w TA McCoy] (Saudi Arabia) 2003 (disc by TA McCoy 1999 & na HRH Khalid),
(Huernia) **lenewtonii** (Kenya) 1995 (na LE Newton),
(Huernia) **mccoyi** (Yemen) 2003 (disc by T McCoy 2000 & nah),
(Huernia) **occulta** [w LC Leach] (Zimbabwe) 1966 (disc by G van Son 1930),
(Huernia) **rubra** (Yemen) 1995,
(Huernia) **sudanensis** (Sudan) 2014,
(Huernia) **yemenensis** (Yemen) 2014,
(Lavrania) **haagnerae** (Namibia) 1986 (disc by ME Haagner 1969 & nah),
(Leachiella) **tirasmontana** (Namibia) 1993 (disc by JMN Archer) —> **Larryleachia tirasmontana** by DCH Plowes 1996,
(Orbea) **doldii** (Cape Prov) 2002 (disc by AP Dold & nah),
(Quaqua) **albersii** (Western Cape) 1994 (disc by F Albers & nah),
(Quaqua) **confusa** (Western Cape) 1994,

(Quaqua) **radiata** (Western Cape) 1994 (disc by H Hall);

transfer *species*:

"Caralluma arenicola" (NE Brown 1909) —> **Quaqua arenicola** 1994,
"Caralluma aurea" (CA Luckhoff 1938) —> **Quaqua aurea** 1994,
"Caralluma dependens" (NE Brown 1890) —> **Quaqua dependens** 1994,
"Caralluma gracilis" (CA Luckhoff 1938) —> **Quaqua gracilis** 1994,
“Caralluma lamellosa” (MG Gilbert & MI Thulin 2005) —> **Pleuralluma lamellosa** 2008,
"Caralluma longipes" (NE Brown 1909) —> **Vadulia longipes** 2003,
"Caralluma maughanii" (RA Dyer 1931) —> **Vadulia maughanii** 2003,
“Caralluma peschii) (GC Nel 1935) —> **Australluma peschii** 1995,
"Caralluma swanepoelii" (JJ Lavranos 1972) —> **Quaqua swanepoelii** 1994,
"Echidnopsis stellata" (JJ Lavranos 1974) —> **Echidnopsis virchowii** var **stellata** 1993,
“Leachiella tirasmontana” (DCH Plowes 1993) —> **Larryleachia tirasmontana** 1996,
“Pectinaria exasperate” (PV Bruyns 1978) —> **Hermanschwartzia exasperata** 2003,
“Pectinaria pillansii” (NE Brown 1909) —> **Neopectinaria pillansii** 2003,
“Pectinaria saxatilis” (NE Brown 1904) —> **Neopectinaria saxatilis** 2003,
“Pectinaria stayneri” (MB Bayer 1975) —> **Neopectinaria stayneri** 2003,
"Stapelia arida" (F Masson 1797) —> **Quaqua arida** 1994,
“Stapelia cactiformis” (WJ Hooker 1844) —> **Larryleachia cactiformis** 1996,
“Stapelia pilifera” (C von Linne *fil.* 1781) —> **Hoodia pilifera** 1992,
“Trichocaulon alstonii” (NE Brown 1906) —> **Hoodia alstonii** 1992,
“Trichocaulon dinteri” (A Berger 1910) —> **Larryleachia dinteri** 1996,
“Trichocaulon flavum” (NE Brown 1878) —> **Hoodia flava** 1992,
“Trichocaulon marlothii” (NE Brown 1909) —> **Larryleachia marlothii** 1996,
“Trichocaulon meloforme” (HWR Marloth 1912) —> **Larryleachia meloformis** 1996,
"Trichocaulon mossamedense" (LC Leach 1974) —> **Hoodia mossamedensis** 1992,
“Trichocaulon officinale“ (NE Brown 1895) —> **Hoodia officinalis** 1992,
"Trichocaulon pedicellatum (H Schinz 1888) —> **Hoodia pedicellata** 1992,
“Trichocaulon perlatum” (MK Dinter 1923) —> **Larryleachia perlata** 1996,
“Trichocaulon pictum” (NE Brown 1909) —> **Larryleachia picta** 1997,
“Trichocaulon sociarum” (AC White & BL Sloane 1937) —> **Larryleachia sociarum** 1996;

desc *subsp*;

(Huernia hislopii ssp) **robusta** [w LC Leach] (Zimbabwe) 1966,
(Huernia longituba ssp) **cashelensis** [w LC Leach] (Zimbabwe) 1966;

transfer *subsp*:

"Quaqua armata ssp maritimae" (PV Bruyns 1983) —> **Quaqua maritima** 1994,
"Quaqua armata ssp pilifera" (PV Bruyns 1983) —> **Quaqua pilifera** 1994,
"Quaqua parviflora ssp bayeriana" (PV Bruyns 1983) —> **Quaqua bayeriana** 1994,
"Quaqua parviflora ssp pulchra" (PV Bruyns 1983) —> **Quaqua pulchra** 1994;

transfer *variety*:

"Echidnopsis chrysantha var filipes" (JJ Lavranos 1974) —> **Echidnopsis chrysantha** ssp **filipes** 1993,
"Quaqua incarnata var tentaculata" (PV Bruyns 1983) —> **Quaqua tentaculata** 1994.

†**Plukenet**, (Prof) (Dr med) Leonard (4 Jan 1642–6 Jul 1706); {Pluk.}; British physician, botanist & gardener; pre-Linnaean systematist; royal prof of botany to Queen Mary II (spouse of King Willem III) & superintendent of Hampton Court garden; writer of natural history works; had large herbarium of plants; member of Royal Soc;
Book [1691–1705] *Phytographia Botanica* London, Eng; (in 6 Vols w 454 leaves of plates, including a plate of Euphorbia stellaespina & Disocactus flagelliformis),

[1696] *Almagestum Botanicum* London; Eng; w early reference to Stapelia hursuta.

†**Plumier**, Charles (20 Apr 1646–20 Nov 1704); {Plum.}; French Franciscan monk, naturalist, bot artist & royal botanist; pupil of JP de Tournefort; explored in West Indies and Central Amer 1689–90, 1693 & 1695–97; famed for 4,000 drawings of West Indies & Central Amer plants; many of his new plant names from Amer adopted by C Linnaeus; proved that the cochineal belongs to animal kingdom classed as an insect;
Book [1703] *Nova Plantarum Americanarum Genera* Paris; 54p; 700 species desc w 40 plates,

[1755–60] *Plantarum Americanarum Fasciculus Primus* Amsterdam, Netherlands (pub after death in 10 parts w 262 plates & edited by J Burmann);
***genus* nah:**

Plumeria (desc by C Linnaeus) 1735; (name first used & nah by JP de Tournefort in 1700);
desc *genus*:

Pereskia (West Indies, Mex to Argentina, Uruguay) 1703 (disc by C Plumier 1689 & na NCF de Peiresc) —> **Cactus** by C Linnaeus 1753 & transfer back to **Pereskia** by P Miller 1754;
disc *species*:

(Cactus) **fimbriatus** (Cuba, Dominican Republic, Haiti, Jamaica, Puerto Rico) c1695 (desc by JBP Lamarck 1785) —> **Stenocereus fimbriatus** by A Lourteig 1991,

(Cactus) **polygonus** (Bahamas, Cuba, Dominican Rep, Haiti, Florida) 1690s (desc by C de Lamarck 1783) —> **Pilosocereus polygonus** by RS Byles & GD Rowley 1957.

†**Pocock**, (Prof) (Dr) Mary Agard [Mamie] (31 Dec 1886–10 Jul 1977); RSA phycologist, algologist & artist; PhD at Cape Town Univ 1932; prof of botany at Rhodes Univ College, Grahamstown & co-founder of herbarium 1942; explored in N Rhodesia & Angola; lecturer at Rhodes Univ 1920s to 1950s; FLS of London & Fellow of Royal Soc of RSA; honorary DSc at Rhodes Univ 1967;
***species* nah:**

(Mesemb) **pocockiae** (Western Cape) (desc & nah by HML Bolus 1927) —> **Lampranthus pocockiae** by NE Brown 1930.

Podlech, Dietrich (1931–); {Podl.};
desc *species*:

(Ceraria) **longipedunculata** [w H Merxmuller] (Namibia) 1961.

†**Poellnitz**, [Pollnitz, Pöllnitz,] (Dr) Joseph **Karl** [Carl] Leopold Arndt von (4 May 1896–15 Feb 1945); {Poelln. or von Poellnitz}; Ger agronomist & botanist; PhD at Univ of Leipzig 1920; scientist in agronomy & natural science, & herbarium botanist specializing in African leaf succ; produced series of genus revisions on:

1) *Adromischus* 1937–41,
2) *Anacampseros* 1928–34,
3) *Bulbine* 1943–44,
4) *Calandrinia* 1934–37,
5) *Cotyledon* 1937–41,
6) *Echeveria* 1935–36,
7) *Gasteria* 1930–40,
8) *Haworthia* 1929–40,
9) *Mesemb* 1933,
10) *Pachyphytum* 1937–38,
11) *Portulaca* 1933–41,
12) *Talinum* 1934;

Spouse Margarete [née Lange] von Poellnitz (–1945);

***genus* nah:**

Poellnitzia (Karroo) (desc & nah by AJA Uitewaal 1940);

***species* nah:**

(Haworthia) **poellnitziana** (Cape) (desc & nah by AJA Uitewaal 1939 & disc by AGJ Herre) —> **Haworthia minima** var **poellnitziana** by MB Bayer 1999;

desc *species*:

(Adromischus) **humilis** (Northern Cape) 1940,

(Adromischus) **juttae** (Namibia) 1939 (na H Jutta Dinter) —> **Adromischus schuldtianus** ssp **juttae** by HR Tolken 1978,

(Anacampseros) **albidiflora** (Western Cape) 1929,

(Anacampseros) **buderiana** (Northern Cape) 1933 (na ? Buder) —> **Avonia recurvata** ssp **buderiana** by G Williamson 1998,

(Anacampseros) **herreana** (Northern Cape) 1930 (na AGJ Herre) —> **Avonia herreana** by GD Rowley 1994,

(Anacampseros) **marlothii** (Northern Cape) 1928 (na HWR Marloth),

(Anacampseros) **nebrownii** (Western Cape) 1933 (na NE Brown) —> **Anacampseros lanceolata** ssp **nebrownii** by M Gerbaulet 1992,

(Anacampseros) **retusa** (Namibia, Northern Cape, Western Cape) 1929,

(Anacampseros) **subnuda** (RSA, Botswana) 1933,

(Anacampseros) **variabilis** (Northern Cape) 1933 —> **Avonia variabilis** by G Williamson 1998,

(Bulbine) **angustifolia** (Northern Cape, Namibia) 1944,

(Bulbine) **capitata** (Namibia) 1944,

(Bulbine) **cataphyllata** (Western Cape) 1944,

(Bulbine) **diphylla** (Western Cape) 1944,

(Bulbine) **fallax** (Northern Cape, Western Cape) 1944,

(Bulbine) **monophylla** (Western Cape) 1944,

(Bulbine) **pusilla** (Western Cape) 1944,

(Bulbine) **sedifolia** (Western Cape) 1944,

(Cotyledon) **faucium** (Western Cape) 1941 (disc by H Herre) —> **Tylecodon faucium** by HR Tolken 1978,

(Cotyledon) **ladismithensis** (Western Cape) 1936 —> **Cotyledon tomentosa** ssp **ladismithensis** by HR Tolken 1977,

(Cotyledon) **schuldtiana** (Northern Cape, Namibia) 1936 (na ? Schuldt) —> **Adromischus schuldtianus** by HE Moore 1976,

(Crassula) **jacobseniana** (Cape) 1936 (na HJH Jacobsen),

(Crassula) **justi-corderoyi** [w HJH Jacobsen] 1936 (na Justus Corderoy),

(Echeveria) **backebergii** (Peru) 1935 (na C Backeberg) —> **Echeveria chiclensis** var **backebergii** by G Peno 2002,

(Echeveria) **chihuahuensis** (Ecuador) 1935,

(Echeveria) **cuencaensis** (Sonora, Chihuahua, Durango) 1935,

(Gasteria) **liliputana** (Eastern Cape) 1938 —> **Gasteria bicolor** var **liliputana** by EJ van Jaarsveld 1992,

(Gasteria) **longiana** (Cape) 1938 (na FR Long),

(Gasteria) **neliana** (Cape) 1929 (na GC Nel),

(Gasteria) **schweikerdtiana** (Cape) (na H Schweikerdt),

(Haworthia) **badia** (Western Cape) 1938 —> **Haworthia mirabilis** var **badia** by MB Bayer 1999,

(Haworthia) **blackbeardiana** (Eastern Cape) 1933 (disc by & na G Blackbeard) —> **Haworthia bolusii** var **blackbeardiana** by MB Bayer 1982,

(Haworthia) **decipiens** (Eastern Cape, Western Cape) 1930,

(Haworthia) **dielsiana** (Eastern Cape) 1930 (na FLE Diels) —> **Haworthia cooperi** var **dielsiana** by MB Bayer 1999,

(Haworthia) **diversifolia** (Cape) 1937 —> **Haworthia nigra** var **diversifolia** by AJA Uitewaal 1948,

(Haworthia) **emelyae** (Western Cape) 1937 (disc by Emely Ferguson & nah),

(Haworthia) **floribunda** (Western Cape) 1936,

(Haworthia) **gordoniana** (Eastern Cape) 1937 (na Gordon King) —> **Haworthia cooperi** var **gordoniana** by MB Bayer 1999,

(Haworthia) **gracilis** (Eastern Cape) 1930,

(Haworthia) **habdomadis** (Western Cape) 1938 (disc by H Hall c1935) —> **Haworthia mucronata** var **habdomadis** by MB Bayer 1999,

(Haworthia) **herrei** (Eastern Cape) 1929 (na AGJ Herre) —> **Haworthia glauca** var **herrei** by MB Bayer 1976,

(Haworthia) **hurlingii** (Western Cape) 1937 (na J Hurling) —> **Haworthia reticulata** var **hurlingii** by MB Bayer 1982,

(Haworthia) **incurvula** (Eastern Cape) 1933 —> **Haworthia cymbiformis** var **incurvula** by MB Bayer 1976,

(Haworthia) **intermedia** (Western Cape) 1937 —> **Haworthia maculata** var **intermedia** by MB Bayer 1999,

(Haworthia) **isabellae** (Eastern Cape) 1938 (na Isabella King) —> **Haworthia gracilis** var **isabellae** by MB Bayer 1999,

(Haworthia) **kingiana** (Western Cape) 1937 (na EB King),

(Haworthia) **lateganiae** (Western Cape) 1937 (na L Lategan) —> **Haworthia scabra** var

lateganiae by MB Bayer 1999,
(Haworthia) **longiana** (Eastern Cape) 1937 (na FR Long),
(Haworthia) **magnifica** (Western Cape) 1933,
(Haworthia) **maraisii** (Cape) 1935,
(Haworthia) **morrisiae** (Western Cape) 1937 (na FN Morris) —> **Haworthia scabra** var **morrisiae** by MB Bayer 1976,
(Haworthia) **maughanii** (Western Cape) 1933 (disc by H Maughan Brown 1932 & nah) —> **Haworthia truncata** var **maughanii** by B Fearn 1966,
(Haworthia) **notabilis** (Western Cape) 1938 —> **Haworthia maraisii** var **notabilis** by MB Bayer 1976,
(Haworthia) **paradoxa** (Western Cape) 1933 —> **Haworthia mirabilis** var **paradoxa** by MB Bayer 1997,
(Haworthia) **parksiana** (Western Cape) 1937 (disc by H Helm & na (Mrs) Parks),
(Haworthia) **paynei** (Western Cape) 1937 (na G Payne) —> **Haworthia herbacea** var **paynei** by MB Bayer 1999,
(Haworthia) **pygmaea** (Western Cape) 1929,
(Haworthia) **resendeana** (RSA) 1938 (na FP de Resende),
(Haworthia) **ryderiana** (Cape) 1937 (na EF Ryder),
(Haworthia) **starkiana** (Western Cape) 1933 (na P Stark) —> **Haworthia scabra** var **starkiana** by MB Bayer 1999,
(Haworthia) **tenera** (Eastern Cape) 1933 —> **Haworthia gracilis** var **tenera** by MB Bayer 1999,
(Haworthia) **triebneriana** (Western Cape) 1936 (na W Triebner) —> **Haworthia mirabilis** var **triebneriana** by MB Bayer 1999,
(Haworthia) **woolleyi** (Eastern Cape) 1937 (na CHF Wooley) —> **Haworthia venosa** ssp **woolleyi** by JJ Halda 1997,
(Haworthia) **zantneriana** (Eastern Cape) 1935 (na A Zantner),
(Kalanchoe) **blossfeldiana** (Mada) 1934 (na R Blossfeld),
(Pachyphytum) **werdermannii** (Tamaulipas) 1937 (disc by E Werdermann 1933 & nah),
(Portulaca) **decipiens** (Australia) 1933 —> **Portulaca pilosa** ssp **decipiens** by R Geesink 1969,
(Portulaca) **fragilis** (Bolivia) 1941,
(Portulaca) **friesiana** (Brazil) 1940 (na RE Fries),
(Portulaca) **mauritiensis** (Mauritius, Mada, Seychelles islands) 1934,
(Portulaca) **nivea** (Peru) 1943,
(Portulaca) **obtusa** (Argentina) 1933,
(Portulaca) **paucistaminata** (Cuba) 1941,
(Portulaca) **peteri** (Tanzania) 1940 (na GA Peter),
(Portulaca) **ramosissima** (Aldabra Island) 1941,
(Portulaca) **sanctae-martae** (Colombia) 1943,
(Portulaca) **schliebenii** (Tanzania) 1940 (na H-JE Schlieben),
(Portulaca) **stellulato-tuberculata** (Paraguay) 1934,
(Portulaca) **striata** (Brazil) 1933,

(Portulaca) **sundaensis** (Lesser Sunda Islands) 1941 —> **Portulaca pilosa** ssp **sundaensis** by R Geesink 1969,

(Portulaca) **terrae-reginae** (Queensland) 1940,

(Portulaca) **werdermannii** (Bahia) 1933 (na E Werdermann),

(Sedum) **backebergii** (Peru) 1939 (na C Backeberg),

(Talinum) **fallax** (New Mex, Arkansas) 1933,

(Talinum) **sediforme** (British Columbia, Washington) 1933,

transfer *species*:

"Cotyledon nana" (NE Brown 1901) —> **Adromischus nanus** 1938,

“Cotyledon phillipsiae” (HWR Marloth 1907) —> **Adromischus phillipsiae** 1940,

"Cotyledon trigyna" (WJ Burchell 1824) —> **Adromischus trigynus** 1938,

“Haworthia engleri” (MK Dinter 1913) —> **Haworthia tessellata** var **engleri** 1914,

“Haworthia hilliana” (JKL von Poellnitz 1937) —> **Haworthia umbraticola** var **hilliana** 1938;

***variety* nah:**

(Haworthia planifolia var) **poellnitzeana** (RSA) (desc & nah by FP de Resende 1940);

desc *variety*:

(Echeveria elegans var) **kesselringiana** (Mex) 1936 (na FW Kesselring),

(Echeveria elegans var) **simulans** 1936,

(Haworthia altilinea var) **morrisiae** (Western Cape) 1938 (na FN Morris) —> **Haworthia mucronata** var **morrisiae** by JKL von Poellnitz 1940,

(Haworthia angustifolia var) **denticulifera** (Western Cape) 1937 —> **Haworthia chloracantha** var **denticulifera** by MB Bayer 1976,

(Haworthia blackbeardiana var) **major** (Cape) 1937,

(Haworthia bolus var) **semiviva** (Northern Cape, Western Cape) 1938 —> **Haworthia semiviva** by MB Bayer 1976,

(Haworthia chloracantha var) **subglauca** (Western Cape) 1937,

(Haworthia emelyae var) **beukmanii** (Western Cape) 1940 (na C Beukman) —> **Haworthia mirabilis** var **beukmanii** by MB Bayer 1999,

(Haworthia planifolia var) **setulifera** (Eastern Cape) 1938 —> **Haworthia cymbiformis** var **setulifera** by MB Bayer 1999,

(Haworthia planifolia var) **transiens** (Eastern Cape) 1938 —> **Haworthia cymbiformis** var **transiens** by MB Bayer 1976,

(Haworthia reinwardtii var) **adelaidensis** (Eastern Cape) 1940 —> **Haworthia coarctata** var **adelaidensis** by MB Bayer 1999,

(Haworthia reinwardtii var) **archibaldiae** (Cape) 1937 (na EEA Archibald),

(Haworthia schmidtiana var) **diversifolia** (Cape) 1938,

(Haworthia schuldtiana var) **maculata** (Western Cape) 1940 —> **Haworthia maculate** by MB Bayer 1976,

(Haworthia triebneriana var) **sublineata** (Western Cape) 1938 —> **Haworthia mirabilis** var **sublineata** by MB Bayer 1999,

(Haworthia turgida var) **suberecta** (Western Cape) 1938,

(Portulaca foliosa var) **lateritia** (Namibia) 1941;

desc *forma*:
(Haworthia altilinea fa) **inconfluens** (Western Cape) 1938 —> **Haworthia mucronata** var **inconfluens** by MB Bayer 1999.

†**Poeppig**, (Dr med) Eduard Friedrich (16 Jul 1798–4 Sep 1868); {Poepp.); Ger physician, naturalist, zoologist & botanist; PhD at Leipzig; explored Cuba 1822–24, Chile 1827–29 & Peru & Brazil 1829–32; prof of philosophy, zoology & botany at Leipzig 1834 & curator of natural history collections & dir of bot garden;
desc *genus*:
Sphyrospermum [w SFL Endlicher] (Mex to Bolivia, British Guiana, Trinidad, Haiti) 1835;
***species* nah:**
(Cephaloseris) **poeppigii** (Peru, Chile) (desc & nah by CF Lessing 1830) —> **Polyachyrus poeppigii** by CF Lessing 1830;
disc *species*:
(Opuntia) **poeppigii** (Argentina, Chile) 1828 (desc & nah by LKG Pfeiffer 1837) —> **Maihuenia poeppigii** by KM Schumann 1898;
desc *species*:
(Nolana) **crassulifolia** (Chile) 1829,
(Nolana) **sedifolia** (Chile) 1829.

†**Pohl**, (Dr med) Johann [Baptist] Emanuel (22 Feb 1782–22 May 1834); {Pohl}; Austrian botanist & physician; MD at Prague 1808; explored & collected Brazil 1817–21; curator of Vienna Natural History Museum & Brazilian Museum 1821~;
desc *species*:
(Adenoropium) **elegans** (tropical Amer) 1826 —> **Jatropha gossypiifolia** var **elegans** by J Muller Argoviensis 1866.

†**Poincare**, [Poincaré,] Raymond (20 Aug 1860–15 Oct 1934); French lawyer & statesman; law degree at Univ of Paris 1882; Pres of French Rep 1913–20;
***species* nah:**
(Kalanchoe) **poincarei** (Mada) (desc & nah by Raymond-Hamet & JMH Perrier de la Bathie 1913).

†**Poindexter**, (Dr) Robert W (1886–1943); US horticulturist; cactus nursery at Compton, Calif specializing in Epiphyllums & & Epicactus hybrids; Treasurer of CSSA 1933~; spouse Irene [née Mersereau] (1886–1940);
Book [1941] *1941 Epiphyllums* Compton; Eng; 23p w 1 color photo.

†**Poiret**, Abbé Jean Louis Marie (11 Jun 1755–7 Apr 1834); {Poir.};
French clergyman, naturalist & botanist; prof of natural history at Ecole Centrale de l'Aisne, France; explored in n Africa 1785–86; in Paris 1806~;
Book [1783–1817] *Encyclopedie Methodique Botanique (Methodical Encyclopedia of Botany)* [w

C de Lamarck] Paris, France; in 13 Vols w supplements; (Vols 5–8 & Supplements 1–5 by JLM Poiret w other Vols by C de Lamarck);

[1817] *Supplement to Lamark's Encyclopedie Methodique* Paris, France;

desc *species*:

(Germanea) **rotundifolia** (tropical Africa) 1812 —> **Solenostemon rotundifolius** by JK Morton 1962.

†**Poisson**, Eugène Adrien (1871–1910); French naturalist; government agent in West Africa in cotton & palm oil; explored in Dahomey (Benin), Ghana, Senegal, Sierra Leone & Togo;

***species* nah:**

(Euphorbia) **poissonii** (Ghana, Nigeria) (desc & nah by FA Pax 1902).

†**Poisson**, (Dr) Henri Louis (24 Aug 1877–8 May 1963); {Poiss.}; French military veterinarian & naturalist; DSc at Univ of Paris 1912; to Mada 1916; explored in Mada 1916–54;

Book [1912] *Recherches sur la Flore Méridionale de Mada* Paris, France; French; 230p; (DSc thesis);

***species* nah:**

(Aloe vaombe var) **poissonii** (Mada) (desc & nah by R Decary 1921);

desc *species*:

(Agave) **weberi** (Texas) 1901 (na FAC Weber),
(Aloe) **vaombe** [w R Decorse] (Mada) 1912,
(Euphorbia) **arahaka** (Mada) 1912,
(Euphorbia) **fiherenensis** (Mada) 1912,
(Pachypodium) **ambongens**(Mada) 1924,
(Pachypodium) **decaryi** (Mada) 1916 (disc by R Decary & nah),
(Pachypodium) **horombense** (Mada) 1924,
(Pachypodium) **windsorii** (Mada) 1917 —> **Pachypodium baronii** var **windsorii** by M Pichon 1949;

desc *variety*:

(Euphorbia intisy var) **mainty** (Mada) 1912 —> **Euphorbia mainty** by JD Leandri 1966,
(Pachypodium rutenbergianum var) **sofiense** (Mada) 1924.

†**Poiteau**, Pierre Antoine (23 Mar 1766–27 Feb 1854); {Poit.}; French botanist, gardener & bot artist; gardener at Jardin des Plantes, Paris 1790, at Haiti 1796–1801 & at bot garden of École de médecine; explored in French Guiana 1819–22;

desc *genus*:

Pedilanthus (Central Amer, Mex) 1812;

desc *species*:

(Pedilanthus) **angustifolius** (Cuba, Greater Antilles) 1812 —> **Pedilanthus tithymaloisdes** ssp **angustifolius** by RL Dressler 1957;

transfer *species*:

"Euphorbia tithymaloides" (C Linnaeus 1753) —> **Pedilanthus tithymaloides** 1812.

Pol, PA van de;
Book [1972] *Floral Induction, Floral Hormones & Flowering* Wageningen, Netherlands; Dutch; 89p; (includes Kalanchoe & Bryophyllum).

†**Polakowsky**, [Polakowski,] Hellmuth [Helmut] (1847–1917); {Pol. or Polak.}; Ger botanist & bryologist in Berlin ≈1880;
Book [1890] *La Flora de Costa Rica* San José de Costa Rica; 76p.

†**Polaski**, Charles [**Chas**] (1897–Mar 1986); US cactus hobbyist in Oklahoma City; spouse Mary Polaski (–23 Jul 1985);
***genus* nah:**
Polaskia (Mex) (desc & nah by C Backeberg 1949).

†**Pole-Evans**, [Pole Evans,] (Dr) Illtyd [Iltyd] Buller (3 Sep 1879–16 Oct 1968); {Pole-Evans}; Welsh mycologist, pathologist & botanist; MA at Cambridge, Eng 1905 & FLS 1907; mycologist & plant pathologist at Transvaal Dept of Agriculture, Pretoria, RSA 1905–39 w large herbarium established during this period of time; botanist & dir of bot survey of RSA 1918–39; explored & collected throughout s Africa; founder (1921) & editor of journal *Bothalia* 1921–39; FLS 1907; awarded S African Biological Soc Senior Capt Scott Medal 1919 & pres 1911 & 1926; Companion of Order of Saint Michael & Saint George 1921; spouse Mary RH [née Thompson] Pole Evans;
Book [1918] *The Plant Geography of S Africa* Pretoria, RSA; 8p w 24p of plates,
[1919] *Our Aloes – history, distribution & cultivation* Cape Town, RSA; 6p w 2 leaves of plates,
[1921–39] Magazine *The Flowering Plants of S Africa* Pretoria; Vols 1–19; (founder & editor of),
[1938] *Roadside Observations on the Vegetation of East & Central Arica on a Journey from Pretoria to Kenya Colony, May 27 to September 10, 1938* Pretoria, RSA; Eng; 305p;
***species* nah:**
(Mesemb) **pole-evansii** (Northern Cape) (desc & nah by NE Brown 1920) —> **Dinteranthus pole-evansii** by MHG Schwantes 1926;
disc *species*:
(Aloe) **babatiensis** [w J Erens] (Tanzania) 1938 (desc by HB Christian & IC Verdoorn 1954),
(Aloe) **erensii** (Kenya, Sudan) 1938 [w J Erens] (desc by HB Christian 1940 & nah J Erens),
(Aloe) **mubendiensis** [w J Erens] (Uganda) 1938 (desc by HB Christian 1942),
(Aloe) **nyeriensis** [w J Erens] (Kenya) 1938 (desc by IC Verdoorn 1952),
(Caralluma) **carnosa** (Northern Prov, Gauteng) c1914 (desc by SM Stent 1916) —> **Orbea carnosa** by PV Bruyns 2001,
(Caralluma) **ubomboensis** (Natal, Swaziland, Zimbabwe) 1930 (desc by IC Verdoorn 1932) —> **Orbea ubomboensis** by PV Bruyns 2001,
(Conophytum) **longum** (Namaq) c1924 (desc by NE Brown 1930),
(Euphorbia) **evansii** (Eastern Cape, Mpumalanga, Natal) 1907 (desc & nah by FA Pax 1909),

(Euphorbia) **tortirama** (Limpopo) 1929 (desc by RA Dyer 1937),
(Huernia) **transvaalensis** (Northern Prov, North-West, Gauteng) 1913 (desc by SM Stent 1914),
(Nananthus) **pole-evansii** (Eastern Cape, Free State) 1918 (desc & nah by NE Brown 1931);
desc *species*:
(Aloe) **aculeata** (Zimbabwe, Limpopo) 1915 (disc by KJ Pienaar & JE Wickens 1914),
(Aloe) **angelica** (Limpopo) 1934 (disc by him 1932 & na Angelique Wallace),
(Aloe) **globuligemma** (Zimbabwe, Botswana, Mpumalanga, Limpopo) 1915 (disc by KJ Pienaar & JE Wickens 1914),
(Aloe) **petricola** (Mpumalanga) 1917 (disc by him 1905),
(Aloe) **pretoriensis** (Zimbabwe, Gauteng, Mpumalanga, Limpopo) 1914,
(Aloe) **simii** (Mpumalanga) 1917 (disc by TR Sim 1914 & nah),
(Aloe) **sladeniana** (Namibia) 1920 (na the Percy Sladen Memorial Expedition 1915–16 & disc by HHW Pearson 1916 on that expedition),
(Aloe) **suprafoliata** (Mpumalanga, Swaziland, Natal) 1916 (disc by RA Davis 1914),
(Aloe) **thorncroftii** (Mpumalanga) 1917 (disc by G Thorncroft c1913 & nah),
(Aloe) **verecunda** (North-West, Gauteng, Mpumalanga, Limpopo) 1917,
(Aloe) **woolliana** (Mpumalanga, Limpopo) 1934 (na ? Woolley) —> **Aloe chortolirioides** var **woolliana** by HF Glen & DS Hardy 1987.

Polhill, Roger Marcus (21 Nov 1937–); {Polhill}; Kenya botanist; PhD in botany at Univ of Reading 1971; scientific assistant at East African Herbarium, Nairobi 1959–61; scientific officer at Kew Herbarium 1961–97 & research associate at Kew 1997~; joint editor of Flora of Tropical East Africa 1966–71 & editor w spouse 72–97; research assistant at Missouri Bot Gardens, St Louis 1995; collected in Kenya 1961-62, 1964, 1982, 1986, in Zambia & Malawi 1975 & in Botswana to Kenya w spouse 1984; spouse Diana Polhill (11 Sep 1934–);
Book [1994] *Flora of Tropical East Africa—Aloaceae* Rotterdam, Netherlands; Eng.

Pollard, (Mr) ? (fl. 1960); Namibia; security officer at diamond mines, s Namibia, where he led plant exploring trips;
***species* nah:**
(Ruschia) **pollardii** (RSA) (desc & nah by HC Friedrich 1961).

Pollnitz, [Pöllnitz,] JKL von — See **Poellnitz**, JKL von.

†**Polunin**, **Oleg** Vladimirovitch (28 Nov 1914–2 Jul 1985); British botanist & photographer; master at Charterhouse, Univ of Edinburgh, Eng over 30 yrs;
***species* nah:**
(Ceropegia) **poluniniana** (Nepal) (desc & nah by PV Bruyns 1989).

†**Polz**, Franz (2 Nov 1912–);
***species* nah:**
(Matucana) **polzii** (Huanuco) (desc by L Diers, JD Donald & E Zecher 1986)—> **Matucana**

aurantiace ssp **polzii** by R Mottram 2002.

†**Pomel**, Auguste Nicolas (20 Sep 1821–2 Aug 1898); {Pomel}; French botanist, geologist & paleontologist: mines engineer in Algeria;;
desc *species*:
(Umbilicus) **patens** (Algeria) 1876.

Pomeroy, (Dr) Elizabeth W; US literary scholar mainly in the Elizabethan studies; PhD in Eng at Univ of Calif, Los Angeles; worked at The Huntington, San Marino, Calif 10 yrs; visiting scholar at Center for Medieval & Renaissance Studies, Univ of Calif, Los Angeles;
Book [1983] *The Huntington Library, Art Gallery, Bot Gardens* London, Eng; Eng; 144p; (revised 1986; 152p w 220 color photos).

Pond, Alonzo Wm;
Book [1962] *The Desert World* NY; Eng; 342p.

†**Pond**, Charles Fremont (26 Oct 1856–5 Aug 1929); US Navy Rear Admiral 1876–1918; explored & collected plants on Cedros & other islands off coast of Lower Calif 1889;
spouse Emma [née McHenry] Pond (3 Feb 1857–3 Aug 1934);
disc *species*:
(Mamm) **pondii** (Cedros Island off Baja Calif) 1889 (desc & nah by EL Greene 1889).

Ponsinet, Gérard;
Book [1967] É*tudes Biologiques et Chimiques des Triterpénes d'Euphorbiacées* Lingolsheim, France; French; 113p.

†**Pont**, Johannes Wilhelm (8 Oct 1898–1977); Dutch plant physiologist; to RSA 1929;
***species* nah:**
(Delosperma) **pontii** (Orange Free State) (desc & nah by HML Bolus 1931).

Poole, Jackie M (1950–); US;
Book [1987] *Endangered, Threatened, or Protected Native Plants of Texas* Austin, [w DH Riskind] Texas; Eng; (includes 8 species of cacti).

Pooley, [née Bond,] (Dr hc) Elsa Susanna (4 Feb 1947–); RSA artist & amateur botanist; at Rennieshaw, Natal; honorary doctorate at Univ of KwaZulu-Natal 2008; spouse Tony Pooley (1938–2004);
disc *species*:
(Raphionacme) **elsana** (Natal) (desc & nah by HJT Venter & AA Verhoeven 1987).

Pooma, R;

disc *species*:
(Ceropegia) **thailandica** [w P Karaket, N Pattharahirantricin & U Kawatkul] (Thailand) 2008 (desc by U Meve 2009).

Poppendieck, (Dr) Hans-Helmut (1948–); {Poppend.}; Ger botanist & ecologist of plants; PhD in botany at Univ of Hamburg, Ger; curator of herbarium at Univ of Hamburg 1987~; IOS member 1976;
Book [1976] *Mesemb & the Problems of Their Cultivation* Hamburg;
transfer *species*:
"Mesemb harazianum" (A Deflers) —> **Delosperma harazianum** [w H-D Ihlenfeldt] 1978.

†**Porsch**, (Dr med) Otto (12 Sep 1875–2 Jan 1959); {Porsch}; Austrian physician & botanist;
Book [1938] *Das Bestaubungsleben der Kakteenblüe* Erster Teil; 142p.

†**Porter**, [Porter Mosso,] Carlos Emilio (20 Aug 1867–13 Dec 1942); {C.E.Porter}; Chilean naturalist, zoologist & entomologist; dir of zoology dept of Museo de Historia Natural, Valparaiso 1897–10; dir of zoology museum of Instituto 1914–27;
***genus* nah:**
Neoporteria (Chile, Argentina, Peru) (desc & nah by NL Britton & JN Rose 1922) (syn of Eriocyce PHILIPPI).

Porter, Duncan MacNair (1937–); {D.M.Porter}; US botanist;
worked at Virginia Polytechnic Institute and State University, Virginia;
Book [1971] *Flora of the Galapagos Islands* [w IL Wiggins] Stanford, Calif; Eng; 1,018p; (includes 14p on cacti by EF Anderson);
desc *genus*:
Wigginsia 1964 (na IL Wiggins) (syn of Parodia SPEGAZZINI).

†**Porter**, (Prof) (Dr med) Eliot Furness (6 Dec 1901–2 Nov 1990); US civil engineer, physician & landscape & bird photographer; BS in civil engineering at Harvard College 1923 & MD at Harvard Medical School 1929; prof of biochemistry at Harvard Univ 1929–39; photographer 1939~; married twice; second spouse Alini Porter;
Book [1969] *Baja Calif & the Geography of Hope* [w text by JW Krutch] San Francisco, Calif; Eng; 160p w 73 color plates.

†**Porter**, (Dr hc) Thomas Conrad (22 Jan 1822–27 Apr 1901); {Porter}; US botanist, zoologist & clergyman; honorary Doctor of Divinity at Rutgers Univ, New Brunswick, New Jersey 1865 & Doctor of Laws at Marshall College, Huntington, West Virginia 1880; prof of chemistry, botany & zoology at Marshall College, Pennsylvania 1849–66; prof of botany, geology & zoology at Lafayette College 1866–97 & curator of museum 1897~;
collected in Pennsylvania, n Georgia & Rocky Mtns; spouse Susan [née Kunkel] Porter;
Book [1874] *Synopsis of the Flora of Colorado* [w JM Coulter] Washington DC; Eng; 180p;

desc *species*:
(Calandrinia) **leeana** (Calif, Oregon) 1876 (disc by LW Lee 1876) —> **Lewisia leeana** by BL Robinson 1897.

Porto, PC — See Campos-Porto, P.

Portolano, Nicola;
Book [1962] *Il Fico D'India* Bologna, Italy; Italian; 102p.

Poschl, [Pöschl,] Josef (25 Jul 1954–);
Book [2000] *Tephrocactus und andere Feigenkaketeen (Tephrocactus & other Prickly Pears)* [w M Kiessling] Schnaitsee, Ger; Ger & Eng; 319p,
[2000] *Osterreicher in der Welt der Kakteen* = "Austrians in the World of Cacti" [w W Papsch].

†**Poselger**, (Dr med) Heinrich [Hermann] (1818–4 Oct 1883); {Poselg.}; Ger physician, chemist & cactus researcher; collected in sw US & in Mex 1849–54; large collection of c&s;
Book [1853] *Beitrag zur Kakteenkunde (Allgemeine Gartenz)* Berlin, Ger; Ger; 21p;
(1988 reprint w 30p);
***species* nah:**
(Echinocactus) **poselgerianus** (Coahuila, Durango, San Luis Potosi, Zacatecas) (disc by him & desc & nah by AG Dietrich 1851) —> **Coryphantha poselgeriana** by NL Britton & JN Rose 1922,
(Mamm) **poselgeri** (Baja Calif) (desc & nah by H Hildmann 1885);
disc *species*:
(Echinocereus) **poselgeri** (Texas, Coahuila, Nuevo Leon, San Luis Potosi, Tamaulipas) 1850 (desc & nah by AC Lemaire 1868);
desc *species*:
(Echinocactus) **rinconensis** (Nuevo Leon, Coahuila) 1855 —> **Thelocactus rinconensis** by NL Britton & JN Rose 1923,
(Echinocactus) **salinensis** (Nuevo Leon, Coahuila, Tamaulipas) 1853 —> **Coryphantha salinensis** by RF Dicht & AD Luthy 1998,
(Echinocactus) **tulensis** (San Luis Potosi, Tamaulipas) 1853 —> **Thelocactus tulensis** by NL Britton & JN Rose 1923,
(Mamm) **bocasana** (San Luis Potosi) 1853 (disc by him),
(Mamm) **melanocentra** (Nuevo Leon) 1855,
(Pilocereus) **leucocephalus** (Guatemala, Mex, Honduras) 1853 —> **Pilosocereus leucocephalus** by RS Byles & GD Rowley 1957,
(Pilocereus) **scoparius** (Vera Cruz) 1853 —> **Neobuxbaumia scoparia** by C Backeberg 1941;
desc *variety*:
(Cereus pectinatus var) **armatus** (Nuevo Leon) 1853 (disc by him 1849–52) —> **Echinocereus reichenbachii** ssp **armatus** by NP Taylor 1997.

Posern-Zielinska, M;
Book [1972] *Peyotzm, Religia India Ameryki Polnocnej* Wroclaw; 260p.

Pot, Johan; Krommenie, Netherlands;
Book [1987] *Determineren van Rebutia* [w D Abbenes] Krommenie; 72p.

†**Pott**, [Pott-Leendertz, née Leendertz,] Reino (2 Jan 1869–14 Jun 1965); {R.Pott or Pott-Leend.}; Dutch pharmacist & botanist; to RSA 1897; botanist at Transvaal Museum, Pretoria, RSA 1898–1925; collected in RSA; spouse NW Pott;
Book [1912~] *First Check-List of the Flowering Plants & Ferns of the Transvaal & Swaziland* [w J Burt-Davy] Pretoria, RSA (pub in Annals of Transvaal [Pretoria] Museum);
***species* nah:**
(Delosperma) **leendertziae** (Transvaal) (desc & nah by NE Brown 1926);
disc *species*:
(Stapelia) **leendertziae** (Gauteng, Mpumalanga, Natal, Swaziland) 1909 (desc & nah by NE Brown 1910);
desc *species*:
(Stapelia) **gettleffii** (Transvaal) 1913 (disc by G Gettleffi 1911 & nah).

[Pott.-Leend.,] - See **Pott**, Reino.

†**Potts**, (Prof) (Dr) George (8 Apr 1877–11 Jul 1948); British botanist to RSA 1905; PhD at Halle Univ 1902; lecturer in agriculture at Armstrong College, Newcastle 1902–05; prof of botany at Univ College of Orange Free State, Bloemfontein, RSA 1905–37;
***species* nah:**
(Mesemb) **pottsii** (Orange Free State) (desc & nah by HML Bolus 1925) —> **Delosperma pottsii** by HML Bolus 1928.

†**Potts**, John Westminster (5 Feb 1805–27 Nov 1876); British commercial agent; to Mex 1830s; mining engineer; manager of mine in Ciudad, Chihuahua; dir of Mint in Chihuahua City 1830s; w brother, Frederick, collected in Chihuahua area 1842–50 & sent plants to F Scheer at Kew & to JFM Salm-Dyck; collected on US-Mex Boundary Survey 1848-1855;
***species* nah:**
(Hoya) **pottsii** (China) (desc & nah by J Traill 1827),
(Mamm) **pottsii** (Texas, Nuevo Leon, Coahuila, San Luis Potosi, Durango, Zacatecas) (desc & nah by F Scheer 1850);
disc *species*:
(Cereus) **scheeri** (Chihuahua, Sinaloa, Sonora) 1846 (desc by JFM Salm-Dyck 1850 & na KF Scheer) —> **Echinocereus scheeri** by KF Scheer 1856),
(Echinocactus) **pottsii** (Chihuahua, Sinaloa, Sonora) (desc & nah by JFM Salm-Dyck 1850) —> **Ferocactus pottsii** by C Backeberg 1961,

(Echinocereus) **subinermis** (Chihuahua, Sinaloa, Sonora) 1845 (desc by JFM Salm-Dyck 1856),

(Mamm) **senilis** (Chihuahua, Durango, Nayarit, Sinaloa) after 1842 (desc by Salm-Dyck 1850),

(Opuntia) **pottsii** (Chihuahua, New Mex, Texas, Arizona) 1840s (desc & nah by JFM Salm-Dyck 1850).

Powell, (Dr) Albert Michael [**Mike**] (26 Aug 1937–); US botanist; PhD at Univ of Texas, Austin 1963; prof of biology & dir & curator of A. Michael Powell Herbarium, Sul Ross State Univ, Alpine, Texas 1963–2003; collected in Mex; spouse SA Powell;
Book [2004] *Cacti of the Trans-Pecos & Adjacent Areas* [w JF Weedin] Lubbock, Texas; Eng; 509p w 64 color plates,

[2008] *Cacti of West Texas—A Field Guide (w Emphasis on the Trans-Pecos Species)* [w JF Weedin & SA Powell] Lubbock; Eng; 383p w over 300 color photos.

†**Powell**, Henry (1864–5 Jun 1920); British agriculturist; trained as gardener at Kew 1888–90; curator at St. Vincent Gardens, Victoria 1890–1903; assistant dir of agriculture at British East Africa (Kenya) 1903–07; chief of economic plants division in agricultural dept at East African Protectorate (Kenya) 1907~; collected plant sent to Kew;
disc *species*:

(Sansevieria) **caulescens** (Kenya) 1906 (desc by NE Brown 1915),

(Sansevieria) **conspicua** (Kenya, Malawi, Tanzania) 1906 (desc by NE Brown 1913),

(Sansevieria) **gracilis** (Kenya, Tanzania) 1906 (desc by NE Brown 1911),

(Sansevieria) **powellii** (Kenya) 1906 (desc & nah by NE Brown 1915),

(Sansevieria) **raffillii** (Kenya) (desc by NE Brown 1915 & na CP Raffill).

Powell, (Prof) (Dr) Jerry Alan (23 May 1933–); US entomologist;
PhD at Univ of Calif, Berkeley 1961; prof of entomology at agricultural experiment station, Univ of Calif, Berkeley 1961~; curator 1972–82, 1994~ & dir 1993–99 of Essig Museum of Entomology; interested in small moths & field behavior of insects & author of numerous papers on the subject; explored in Calif, Arizona, New Mex & Mex 1964, 1975–76 & 1987;
Fellow of Calif Academy of Sciences, San Francisco 1971;
Book [1966] *Biological Interrelationships of Moths & Yucca whipplei* [w R Mackie] Berkeley, Calif; Eng; 47p,

[1984] *Prolonged Diapause in Yucca Moths* Hamburg, Ger; (an abstract given at XVII International Congress of Entomology),

[1984] *Biological Interrelationships of Moths & Yucca schottii* Berkeley; Eng; 93p.

†**Powell**, (Dr) Lawrence Clark (3 Sep 1906–14 Mar 2001); US librarian, literary critic, bibliographer & author; PhD at Univ of Burgundy, Dijon, France 1932; librarian at Univ of Calif, Los Angeles 1944-66; spouse Fay [nee Shoemaker] Powell (–1990);
Book [1977] *Desert Splendor* Phoenix, Arizona; Eng; 88p.

Powell, **Shirley** A; US science teacher, author & bot illustrator; spouse AM Powell;
Book [2008] *Cacti of Texas—A Field Guide (w Emphasis on the Trans-Pecos Species)* [w JF Weedin & AM Powell] Lubbock; Eng; 383p w over 300 color photos.

Powys, Anne E (1964–); see also AE Brown; parents JGL & PG Powys;
desc *species*:
(Euphorbia) **iloitaii** [w S Carter] (Kenya) 2009 (disc by A Powys 2006).

†**Powys**, John **Gilfrid** Llewelyn (15 Jan 1938–27 Dec 2017); farmer in Rumuruti, Kenya; succ enthusiast; explorer & collector in Kenya, Tanzania, s Ethiopia & s Sudan; spouse PG Powys; daughter AE Powys [Brown];
***species* nah:**
(Ceropegia) **powysii** (Kenya) (desc & nah by DV Field 1982) —> **Ceropegia arabica** var **powysii** by U Meve & RD Mangelsdorff 2001;
disc *species*:
(Aloe) **carolineae** (Kenya) 2000 (desc by LE Newton 2002 & na Caroline Wheeler),
(Aloe) **diolii** (Sudan) 1986 (desc by LE Newton 1995 & na M Dioli),
(Aloe) **powysiorum** [w PG Powys & JO Evans] (Kenya) c1987 (desc & na them by LE Newton & HJ Beentje 1990),
(Aloe) **rendilliorum** [w LE Newton] (Kenya) 1994 (desc by LE Newton 2006),
(Aloe) **tegetiformis** (Kenya) 1995 (desc by LE Newton 2011),
(Echidnopsis) **radians** (Somalia, Kenya) 1975 (desc by MC Bellerue-Bleck 1977),
(Euphorbia) **baioensis** [w JO Evans] (Kenya) 1976 (desc by S Carter 1982),
(Euphorbia) **rubrimarginata** (Ethiopia, Kenya) 1982 (desc by LE Newton 1992),
(Kalanchoe) **ndotoensis** (Kenya) 1978 (desc by LE Newton 1998),
(Kleinia) **schwartzii** [w H Schwartz] (Kenya) 1986 (desc & na H Schwartz by LE Newton 1993) —> **Senecio mweroensis** fa **schwartzii** by GD Rowley 1996,
(Sansevieria) **ascendens** (Kenya) 1995 (desc by NE Newton 2010),
(Sansevieria) **nitida** (Kenya) (desc by BJ Chahinian 2001),
(Sansevieria) **powysii** (Kenya on Kiwaiyu Island) 1995 (desc & nah by LE Newton 2010);
desc *species*:
(Aloe) **ikiorum** [w M Dioli] (Uganda) 2011 (disc by them 2006).

Powys, **Patricia** Gladys (1937–); Rumuruti, Kenya; explored w spouse JGL Powys; daughter AE Powys [Brown];
disc *species*:
(Aloe) **powysiorum** [w JGL Powys & JO Evans] (Kenya) c1987 (desc & na them by LE Newton & HJ Beentje 1990).

†**Praeger**, **Robert** Lloyd (25 Aug 1865–5 May 1953); {Praeg.}; Irish civil engineer, naturalist, librarian, historian & botanist; BS in engineering at Queen's College, Belfast 1886; librarian at National Library of Ireland, Dublin 1893–1923; co-editor of *Irish Naturalist* 1892–1924; cultivated stonecrops & houseleeks; author on genera Sedum & Sempervivum in Journal of Royal Horticulture Soc of Ireland 1921, awarded gold medal 1940 & pres 1949–50; CSSA Fellow award 1945; spouse Hedwig Praeger;

Book [1919] *On Species of Sedum Collected in China by LH Bailey in 1917* London, Eng; Eng; 8p,

[1919–29] *Sedum & Sempervivum*; Eng; (in 3 parts),

[1921] *Some Asiatic Sedums*; Eng; 35p,

[1921] *An Account of the Genus Sedum as Found in Cultivation* London; Eng; 314p,

[1929] *Semperviva of the Canary Islands Area* Dublin, Ireland; Eng; 54p w16 pages of black & white drawings,

[1932] *An Account of the Sempervivum Group* London; Eng; 263p;

desc *species*:

(Aeonium) **subplanum** (Canary Islands) 1928 —> **Aeonium canariense** var **subplanum** by HY Liu 1989,

(Aichryson) **brevipetalum** (Canary Islands) 1928,

(Monanthes) **anagensis** (Canary Islands) 1925,

(Sedum) **ambigua** (China) 1921 —> **Sinocrassula ambigua** by A Berger 1930,

(Sedum) **atuntsuense** (Myanmar, Tibet, China) 1921 —> **Rhodiola atuntsuensis** by SH Fu 1965,

(Sedum) **baileyi** (China) 1919 (disc by LH Bailey 1917 & nah),

(Sedum) **bellum** (Durango) 1921,

(Sedum) **cauticola** (Japan) 1917 —> **Hylotelephium cauticola** by H Ohba 1977,

(Sedum) **ellacombianum** (Japan, Korea) 1917 (na HN Ellacombe) —> **Phedimus ellacombianus** by H 't Hart 1995,

(Sedum) **floriferum** (China) 1918 (disc by ? Liardet 1911) —> **Phedimus floriferus** by H 't Hart 1995,

(Sedum) **griseum** (Michoacan) 1917,

(Sedum) **longistylum** (Yunnan) 1921 —> **Sinocrassula longistyla** by SH Fu 1965,

(Sedum) **macrocarpum** (Tibet, Myanmar, China) 1921 —> **Rhodiola macrocarpa** by SH Fu 1965,

(Sedum) **purpureoviride** (China) 1917 —> **Rhodiola purpureoviridis** by SH Fu 1965,

(Sedum) **quaternatum** (China) 1919,

(Sempervivum) **gomerense** (Canary Islands) 1925 —> **Aeonium gomerense** by RL Praeger 1928,

(Sempervivum) **kosanini** (Macedonia) 1930 (disc by N Kosanin 1925 & nah),

(Sempervivum) **lancerottense** (Canary Islands) 1925 —> **Aeonium lancerottense** by RL Praeger 1928,

(Sempervivum) **nobile** (Canary Islands) 1925 —> **Aeonium nobile** by RL Praeger 1928,

(Sempervivum) **valverdense** (Canary Islands) 1925 —> **Aeonium valverdense** by RL Praeger 1928;

transfer *species*:
"Sedastrum glabrum" (JN Rose 1905) —> **Sedum glabrum** 1921,
"Sedum divaricatum" (W Aiton 1789) —> **Aichryson divaricatum** 1932,
"Sempervivum dumosum" (RT Lowe 1864) —> **Aichryson dumosum** 1932;
"Sempervivum spathulatum" (JW Hornemann 1819) —> **Aeonium spathulatum** 1928;
desc *variety*:
(Sedum indicum var) **densirosulatum** (China) 1919 —> **Sinocrassula densirosulata** by A Berger 1930,
(Sedum indicum var) **luteorubrum** (China) 1921 —> **Sinocrassula indica** var **luteorubra** by SH Fu 1984.

†**Prain**, (Prof) (Dr med) (Sir) David (11 Jul 1857–16 Mar 1944); {Prain}; British surgeon, botanist & taxonomist; MD at Univ of Edinburgh 1883; curator of Royal Bot Garden, Calcutta, India 1887–1905; prof of botany of Calcutta Medical College 1898–1905; dir of Royal Bot Garden at Kew 1905–22; FLS 1888 & pres 1916–19; FRS 1905; editor of *Curtis' Bot Magazine* 1907–20; Linnean Medal 1935; spouse Margaret Caird [née Thomson] Prain;
Book [1868–1917] *Flora of Tropical Africa* [w D Oliver & WT Thiselton-Dyer] Ashford, Eng (in 8 Vols),
[1907] *Notes on Agave & Furcraea in India* [w JR Drummond] Calcutta, India; Eng; 195p,
[1936–39] *An Account of the Genus Dioscorea in the East* [w I Burkhill] Kew, Eng; Eng; (in 2 parts);
***species* nah:**
(Sedum) **prainii** (India, Nepal, Tibet, Sikkim) (desc & nah by RaymondHamet 1909) —> **Rhodiola prainii** by H Ohba 1976;
desc *species*:
(Sansevieria) **trifasciata** (Nigeria, Zaire) 1903;
desc *variety*:
(Jatropha zeyheri var) **subsimplex** (Limpopo) 1920.

†**Prantl**, (Prof) (Dr) Karl [Carl] Anton Eugen (10 Sep 1849–24 Feb 1893); {Prantl}; Ger botanist; PhD at München Univ 1870; prof of botany at forestry college, Aschaffenburg 1876–89 & at Breslau Univ 1889–93; co-founder w HGA Engler of 'Die Naturtichen Pflanzenfamilieu';
Book [1887–11] *Die Natürlichen Pflanzenfamilien* [w HGA Engler] Leipzig, Ger; Ger; [1960 reprint of Vol 21 on Cactaceae, 57p].

†**Pratt**, Frederick Charles; US entomologist; assistant at USDA Bureau of Entomology; worked on cactus insects 1907–10;
Book [1912] *The Principal Cactus Insects of the US* (w WD Hunter & JD Mitchell) DC; Eng; 71p.

Prescott, AM (fl. 1983); {A.M.Prescott};
desc *species*:
(Tetragonia) **cristata** (Australia) 1983,
(Trianthema) **megasperma** (Australia) 1983,
(Trianthema) **patellitecta** (Australia) 1983.

†**Presl**, **Karel** [Karl, Carl, Carel, Carolus] Bořivoj [Boriwog, Boriwag] (17 Feb 1794–2 Oct 1852); {C.Presl}; Czech botanist; curator at Prague Natl Museum & prof of botany at Prague Univ 1833~; brother of Jan Svatopluk [Swatopluk] Prestl (1791–1849);
desc *species*:
(Euphorbia) **schimperi** (Yemen, Saudi Arabia) 1845 (na GHW Schimper),
(Kolleria) **herniariaefolia** (Western Cape) 1831 —> **Galenia herniariaefolia** by WG Walpers 1843,*(Sedum)* ***creticum*** *(Greece) 1828.*

Prestle, [Prestlé,] Karl-Heinz (21 Jun 1925–); {Prestle}; Belgian to The Netherlands; horticulturist; chemical analyst & engineer at Glasurit: & at Sigma Coatings; specialist in Notocactus & Frailea;
Book [1980] *Die Grogattung 'Notocactus' (Gruppeneinteilung, Herkunft, Feldnummern)*; 20p,
[1984] *PR-Feldnummern der Sammelreisen Durch Uruguay 1976–77 (Rio Grande do Sul/Brasilien 1979–80 & 1982–83* Veghel, Netherlands; 12p,
[1991] *Die Gattung Frailea* Veghel;
Vol 1, 41p,
Vol 2, 44p,
[1992] *Gymnocalycia Brazilskeho Jihy vcetne Vyskytu v Uruguayi* Kveten; 24p;
desc *species*:
(Notocactus) **stockingeri** (Rio Grande do Sul) 1985 (disc by F Stockinger 1981 & nah) —> **Parodia stockingeri** by A Hofacker & PJ Braun 1998.

Preston-Mafham, Ken (1946–); British professional wildlife photographer, natural historian, author & world traveler; studied & photographed cacti in US, Mex, Costa Rica, Venezuela, Brazil, Bolivia, Chile & Peru; brother R Preston-Mafham;
Book [1991] *Cacti: The Illustrated Dictionary* [w R Preston-Mafham] London, Eng; Eng; 224p w 1,100+ color photos; (reprint 1992 *Kakteen Atlas* in Ger w 224p),
[1991] *Madagascar, A Natural History* Oxford, Eng; Eng; 224p,
[1992] *Portraits de Cactees* [w R Preston-Mafham] Stuttgart, Ger; 224p,
[1994] *C&S in Habitat* London; Eng; 159p w 173 color photos,
[2007] *500 Cacti Species & Varieties in Cultivation* Buffalo, NY; Eng; 528p.

Preston-Mafham, (Dr) Rod; British biologist; author in zoological & bot fields; brother Ken, Rod & Rod's spouse, Jean, operate *Premaphotos Wildlife*, a library of natural history

photos;
Book [1991] *Cacti: The Illustrated Dictionary* [w K Preston-Mafham] London, Eng; Eng; 224p w 1,100+ color photos; (reprint 1992 *Kakteen Atlas* in Ger w 224p),
[1992] *Portraits de Cactees* [w K Preston-Mafham] Stuttgart, Ger; 224p.

†**Preuss**, (Dr) Paul **Rudolf** (12 Nov 1861–19 Dec 1926); Ger (Prussian) botanist; PhD 1885; founder & dir of Victoria bot garden, Cameroon 1892–1902; prof & dir at New Guinea 1903~; on Zintgraff expedition to Cameroon 1888–91; explored in Sierra Leone, Togo & West Cameroon 1886, in tropical Amer 1899–1900 & in se Asia 1903–04;
***species* nah:**
(Dorstenia) **preussii** (Sierra Leone, Mali, Dahomey, Guinea Bissau, Nigeria, Cameroon, Ethiopia) (desc & nah by HGA Engler 1898) —> **Dorstenia cuspidata** var **preussii** by MEE Hijman 1990.

Prevost, R; publisher;
Book [1976] *The Amazing Ancient to Modern Useful Plant — Aloe vera*; Eng; 87p; (rev 1980).

Prihodko, SM;
Book [1974] *Kaktusy* Kiev, Russia; Russian; 208p w 32 color illustrations.

†**Primos**, Richard (fl. 1928–36); Capetown, RSA; collected succ;
***species* nah:**
(Ruschia) **primosii** (Little Namaq) (desc & nah by HML Bolus 1936);
disc *species*:
(Caralluma) **cincta** (Western Cape) 1932 (desc by CA Luckhoff 1935) —> **Quaqua cincta** by PV Bruyns 1995,
(Conophytum) **acutum** (Cape) 1936 (desc by HML Bolus 1950),
(Conophytum) **ratum** (Namaq) 1936 (desc by SA Hammer 1991),
(Rimaria) **primosii** (Bushmanland) 1930 (desc & nah by HML Bolus 1933) —> **Vanheerdea primosii** by HML Bolus 1992,
(Titanopsis) **primosii** (Northern Cape) 1930 (desc & nah by SA Hammer 2013).

†**Pringle**, Cyrus Guernsey (6 May 1838–25 May 1911); {Pringle}; US; Vermont horticulturist & plant breeder; dir of herbarium at Univ of Vermont 1902~; explored & collected in western states of US & 39 trips to Mex 1880–1909 at times w FL y Lozano; collected over 500,000 specimens of some 20,000 species of which about 12% were new species; spouse Almira L [née Greene] Pringle;
***species* nah:**
(Agave) **neopringlei** (Mex) (desc & nah by J Thiede & U Eggli 1999),
(Agave) **pringlei** (Baja Calif) (desc & nah by CR Orcutt 1883) —> **Agave deserti** ssp **pringlei** by HS Gentry 1978,
(Cotyledon) **pringlei** (Jalisco) (desc & nah by S Watson 1890) —> **Echeveria pringlei** by JN Rose 1903,

(Echeveria) **pringlei** (desc & nah by JN Rose 1903),
(Sedum) **pringlei** (Chihuahua) (desc & nah by S Watson 1887),
(Villadia) **pringlei** (Chihuahua, Durango) (desc & nah by JN Rose 1903);
disc *species*:
(Cactus) **pringlei** (state of Mex) 1890 (desc & nah by JM Coulter 1894) —> **Mamm pringlei** by MK Brandegee 1900,
(Cereus) **pringlei** (Sonora, Baja Calif) 1884 (desc & nah by S Watson 1885) —> **Pachycereus pringlei** by NL Britton & JN Rose 1909,
(Cremnophila) **nutans** (Morelos) 1903 (desc by JN Rose 1905),
(Echeveria) **lozanoi** [w FL Lozano] (Jalisco) 1903 (desc by JN Rose 1905 & na FL Lozano).
(Echeveria) **minutiflora** (Guerrero Morelos, Puebla, Veracruz, Oaxaca, state of Mex) 1897 (desc by JN Rose 1903) —> **Thompsonella minutiflora** by NL Britton & JN Rose 1909,
(Echeveria) **montana** (Oaxaca) 1894 (desc by JN Rose 1903),
(Echeveria) **obtusifolia** (Morelos, Michoacan) 1899 (desc by JN Rose 1903) —> **Echeveria fulgens** var **obtusifolia** by MW Kimnach 1998,
(Escobaria) **chihuahuensis** (Chihuahua) 1885 (desc by NL Britton & JN Rose 1923),
(Ferocactus) **covillei** (Arizona, Sonora) 1884 (desc by NL Britton & JN Rose 1922 & na FV Coville) —> **Ferocactus emoryi** ssp **covillei** by DR Hunt & MA Dimmitt 2005,
(Mamm) **chionocephala** (Coahuila) 1890 (desc by JA Purpus 1906) —> **Mamm formosa** ssp **chionocephala** by DR Hunt 1998,
(Opuntia) **versicolor** (Arizona, Sonora) (desc by JM Coulter 1896) —> **Cylindropuntia versicolor** by FM Knuth 1936,
(Sedum) **cremnophila** (Morelos) 1899 (desc by RT Clausen 1943),
(Thompsonella) **platyphylla** (Guerrero, Puebla) 1907 (desc by JN Rose 1909).

Pringle, Victor L; RSA;
disc *species*:
"Haworthia pringlei" (Eastern Cape) 1973 (desc & nah by CL Scott 1994) —> **Haworthia decipiens** var **pringlei** by MB Bayer 1999,
(Lithops dinteri var) **multipunctata** [w AA Roux] (Namibia) 1963 (desc by HW de Boer 1966) —> **Lithops dinteri** ssp **multipunctata** by DT Cole 1988.

Prinsloo, Gerry J; Pretoria, RSA; succ grower;
disc *species*:
(Aloe) **prinslooi** (Natal) 1964 (desc & nah by ICVerdoorn & DS Hardy 1965).

†**Prior**, [né Alexander ≈1859] (Dr med) Richard Chandler (6 Mar 1809–5 Dec 1902); British physician & amateur botanist; collected in RSA1846-48, Canada, US & West Indies 1849; FLS 1851;
***species* nah:**
(Sterculia) **alexandrii** (Eastern Cape) (desc & nah by WH Harvey 1859).

†**Pritchard**, Albert (1937–31 Aug 2009); British horticulturist & grower of c&s 1968~, specializing in Euphorbiaceae; founded Warrington branch of CSSGB 1976; founding member of Euphorbiaceae Study Group 1988; explored in RSA, Kenya, Zimbabwe, Morocco, Canary Islands & India;
spouse Daphne [née Hollis] Hollis-Pritchard;
Book [2003] *Intro to the Euphorbiaceae* Venegono, Italy; Eng; 64p w 48 color photos,
[2010] *Monadenium*; Eng; 109p.

†**Prittwitz und Gaffron**, Georg von (17 Jun 1861–1936); Ger colonial officer & cartografist; explored in n part of middle Asia Minor & from n into middle Africa;
species **nah:**
(Kalanchoe) **prittwitzii** (Sudan, Somalia, Ethiopia) (desc & nah by HGA Engler 1907).

Prochazka, [Procházka,] Jaroslav (6 Aug 1944–); Czech horticulturist;
collected in Argentina & Uruguay 1992 & 1995;
disc *species*:
(Gymnocalycium) **miltii** (San Luis) (desc by JJ Halda, P Kupcak, Lukasik & J Sladkovsky 2002).

†**Proctor**, Claire [née Klara Meyer] (14 Oct 1901–15 Nov 2002);
US dental technician & natural history photographer; interested in cactus hobby 1930~; photographer of cactus flowers w spouse in 1940s & 1950s w over 740 photographs in Arizona Highways & other magazines; spouse RC Proctor;
Book [1954] *The Flowering Cactus* [w spouse & R Carlson as editor] NYC; Eng; 96p w 81 color photos.

†**Proctor**, (Dr hc) **George** Richardson (13 Jul 1920–12 Oct 2015); {Proctor};
US botanist; to Jamaica 1949; worked at Institute of Jamaica 1951–90; consultant at faculty of pure & applied sciences, Univ of West Indies, Jamaica 1991~; studied flora in over 50 Caribbean islands; honorary DSc at Univ of West Indies, Mona, Jamaica 2004;
desc *species*:
(Portulaca) **aurantiaca** (Jamaica) 1982.

†**Proctor**, Ralph Charles [RC] (21 Aug 1904–6 Jul 1985); US dental technician 67 yrs & photographer in Arizona; photographer of cactus flowers w spouse in 1940s & 1950s w over 740 photographs in Arizona Highways & other magazines;
first spouse Eula May [née Collier] Proctor; second spouse C Proctor;
Book [1954] *The Flowering Cactus* [w spouse & R Carlson as editor] NYC; Eng;
96p w 81 color photos.

†**Prodan**, [Prodán,] Iuliu [Julius] (29 Oct 1875–27 Feb 1959); {Prodán}; Romanian botanist; BSc in natural sciences at Univ of Cluj 1900;
prof of botany at Univ of Cluj 1919–40;
desc *species*:
(Sempervivum) **carpathicum** (Slovenia, Romania, Poland, Ukrainia) 1923 —> **Sempervivum montanum** ssp **carpathicum** by A Berger 1930.

Pronk, Olaf (9 May 1960–); Mada naturalist & photographer; owner of orchid & succ nursery in Antananarivo, Mada;
disc *species*:
(Aloe) **pronkii** (Mada) (desc & nah by JJ Lavranos, B Rakouth & TA McCoy 2006).

†**Proust**, Louis-Adrien (4 Jun 1878–31 Dec 1959); {Proust}; French botanist; judge w court of Loaches & mayor of Neuilly-Bridge-Pierre; collected in Canary Islands;
transfer *species*:
"Sempervivum hierrense" (RP Murray 1899) —> **Aeonium hierrense** [w CJM Pitard] 1909,
"Sempervivum percarneum" (RP Murray 1899) —> **Aeonium percarneum** [w CJM Pitard] 1909,
"Aichryson sedifolium" (CA Bolle 1859) —> **Aeonium sedifolium** [w CJM Pitard] 1909.

†**Przewalski**, [Przhevalski, Przehvalsky,] Nikolai Michailowicz [Mikhaylovich] (12 Apr 1839–1 Nov 1888); Russian geographer, naturalist & soldier; explored in central Asia, Mongolia & China; disc a wild Mongolian horse in 1878 that resembles an ass & nah;
***species* nah:**
(Sedum) **przewalskii** (China, Nepal, Tibet) (desc & nah by CJI Maximowicz 1883 & disc by NM Przewalski 1872).

†**Puff**, (Prof) (Dr) Christian (8 Dec 1949–2013); {Puff}; Austrian botanist;
PhD at Univ of Vienna, Austria & lecturer & prof of botany there 1974~;
visiting lecturer in botany at Natal Univ & at Univ of Witwatersrand 1976-79;
collected in RSA, Malawi & Kenya;
desc *genus*:
Phylohydrax (Mada, Tanzania, Mozambique, RSA) 1986;
transfer *species*:
"Diodia carnosa" (F hochstetter 1844) —> **Phylohydrax carnosa** 1986,
"Hydrophylax madagascariensis" (JJ Roemer & JA Shultes 1818) —> **Phylohydrax madagascariensis** 1986.

Pujupat, Shawintu; Peruvian boy with AB Lau on his expedition to Peru in 1969;
disc *variety*:
(Borzicactus madisoniorum var) **pujupatii** (Amazonas A) 1969 (desc & nah by JD Donald & AB Lau 1971) —> **Matucana pujupatii** by R Bregman 1988.

†**Pulleine**, [Pulliene,] (Dr med) Robert Henry (7 Jun 1869–13 Jun 1935); New Zealand to Australia 1881; Adelaide, Australia eye, ear, nose & throat physician specialist, naturalist, entomologist & botanist; MD at Univ of Sydney 1898; interested in succ;

***species* nah:**

(Neolloydia) **pulleineana** (San Luis Potosi) (desc & nah by C Backeberg 1948) —> **Coryphantha pulleineana** by CE Glass 1968.

Pullen, AB (fl. 1987); {A.B.Pullen}; Dutch horticulturist specializing in c&s;
Book [1993] *Gids Voor de Verzorging van Cactussen en Vetplanten* Venlo; Dutch, The Netherlands; 48p.

transfer *species*:

"Borzicactus tuberculatus" (JD Donald 1979) —> **Matucana tuberculata** [w A Meerstadt, P Melis & R Bregman] 1987.

Punt, (Dr) Willem; RSA;
Book [1962] *Pollen Morphology of the Euphorbiaceae w Special Reference to Taxonomy* Amsterdam, Netherlands; Eng; 116p.

†**Purcell**, (Dr) Wm Frederick (18 Sep 1866–3 Oct 1919); Eng to RSA 1868; zoologist; PhD at Univ of Berlin, Ger 1896; worked at S African Museum 1896–1905; farmer 1905~; collected at Cape & Namibia;

disc *species*:

(Crassula) **purcellii** (Western Cape) (desc & nah by S Schonland 1907) —> **Crassula atropurpurea** var **purcellii** by HR Tolken 1975.

†**Purdom**, Wm (10 Apr 1880–7 Nov 1921); {Purdom}; British explorer; explored & collected in China for Eng nursery firm of Veitch & Sons 1909–12 & w RJ Farrer 1914–16;

disc *species*:

(Sedum) **purdomii** [w RJ Farrer] (China) 1914 (desc & nah by WW Smith 1916).

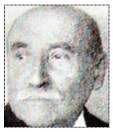
†**Purdy**, Carlton [Carl] Elmer (16 Mar 1861–8 Aug 1945); US horticulturist & nurseryman; collected in Calif 1897–1913; interested in Sempervivum & Sedum; worked w L Burbank;

***species* nah:**

(Sedum) **purdyi** (Calif, Oregon) (desc & nah by WL Jepson 1936) —> **Sedum spathulifolium** ssp **purdyi** by RT Clausen 1975.

†**Purpus**, (Dr) Carl [Karl] Albert [Alberto] (26 Feb 1851–17 Jan 1941); {Purpus}; Ger botanist to US 1887; lived in San Diego, Calif 1897–1904 and in Vera Cruz, Mex 1905~; professional plant collector in sw US, Baja Calif, & mainland Mex 1897~; sent plants to TS Brandegee & PC Standley; brother JA Purpus;

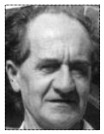
disc *species*:
(Cereus) **schenckii** [w JHR Schenck](Oaxaca, Puebla) 1907 (desc by JA Purpus 1909 & na JHR Schenck) —> **Myrtillocactus chenckii** by NL Britton & JN Rose 1909,
(Cephalocereus) **purpusii** (Sinaloa, Jalisco, Michoacan, Nayarit) c1905 (desc & nah by NL Britton & JN Rose 1920) —> **Pilosocereus purpusii** by RS Byles & GD Rowley 1957,
(Dudleya) **calcicola** (Calif) 1897 (desc by JA Bartel & JR Shevock 1983);
(Echeveria) **lutea** (San Luis Potosi) 1910 (desc by JN Rose 1911),
(Echeveria) **purpusorum** (desc by A Berger 1930 & nah & JA Purpus),
(Echeveria) **rubromarginata** (Veracruz, Puebla) 1903 (desc by JN Rose 1905),
(Echeveria) **simulans** (Nuevo Leon) 1903 (desc by JN Rose 1905),
(Echeveria) **trianthina** (Hidalgo) 1905 (desc by JN Rose 1909),
(Echeveria) **turgida** (Coahuila) 1904 (desc by JN Rose 1905),
(Fouquieria) **purpusii** (Puebla, Oaxaca) 1907 (desc & nah by TS Brandegee 1909),
(Mamm) **dumetorum** (San Luis Potosi) 1910/11 (desc by JA Purpus 1912) —> **Mamm schiediana** ssp **dumetorum** by DR Hunt 1997,
(Mamm) **lenta** (Coahuila) 1904 (desc by MK Brandegee 1904),
(Mamm) **napina** (Puebla) 1908 (desc by JA Purpus 1912),
(Mamm) **sartorii** (Vera Cruz) 1909 (desc by JA Purpus 1911 & na CCW Sartorius),
(Mamm) **viperina** (Puebla) 1908 (desc by JA Purpus 1912) —> **Mamm sphacelata** ssp **viperina** by DR Hunt 1997,
(Pachyphytum) **compactum** (Queretaro, Hidalgo) 1910 (desc by JN Rose 1911),
(Pachyphytum) **longifolium** (Hidalgo) 1904 (desc by JN Rose 1905),
(Pachyphytum) **oviferum** (San Luis Potosi) 1910 (desc by JA Purpus 1919),
(Sedum) **adolphi** (Veracruz) 1907 (desc by Raymond-Hamet 1912 & na HG Adolf Engler),
(Sedum) **allantoides** (Oaxaca) 1907 (desc JN Rose 1909),
(Sedum) **nussbaumerianum** (Vera Cruz) 1906/07 (desc by FAG Bitter 1924 & na E Nussbaumer);
desc *species*:
(Echeveria) **gigantea** [w JN Rose] (Puebla, Oaxaca) 1910,
(Echeveria) **setosa** [w JN Rose] (Puebla) 1910 (disc by CA Purpus c1913),
(Echeveria) **subalpina** [w JN Rose] (Veracruz, Puebla, Tlaxcala) 1910.



†**Purpus**, Joseph Anton (4 Feb 1860–5 Dec 1932); {J.A.Purp.}; Ger horticulturist; gardener at St Petersburg, Russia 1882–88; superintendent of botanic garden in Darmstadt, Ger 1888~; collected in Russia & Mex; brother CA Purpus;
***species* nah:**
(Agave) **purpusorum** (Mex) (desc & nah by A Berger 1915),
(Cotyledon) **purpusii** (desc & nah by KM Schumann 1896) —> **Sedum purpusii** by CEO Kuntze 1903,
(Echeveria) **purpusorum** (desc by A Berger 1930 & nah & CA Purpus;
desc *species*:
(Cereus) **schenckii** (Oaxaca, Puebla) 1909 (disc by JHR Schenck & CA Purpus 1907 & na JHR Schenck) —> **Myrtillocactus schenckii** by NL Britton & JN Rose 1909,

(Echeveria) **derenbergii** (Oaxaca) 1921 (na J Derenberg),
(Echeveria) **leucotricha** (Puebla) 1914 (disc by him 1908),
(Echinocereus) **pensilis** (Baja Calif) 1908,
(Echeveria) **pilosa** (Puebla) 1917,
(Echinopsis) **caespitosa** (Bolivia) 1917 —> **Echonopsis maximiliana** ssp **caespitosa** by M Lowry 2003,
(Mamm) **chionocephala** (Coahuila) 1906 (disc by CG Pringle 1890) —> **Mamm formosa** ssp **chionocephala** by DR Hunt 1998,
(Mamm) **dumetorum** (San Luis Potosi) 1912 (disc by CA Purpus 1910/11) —> **Mamm schiediana** ssp **dumetorum** by DR Hunt 1997,
(Mamm) **napina** (Puebla) 1912 (disc by CA Purpus 1908),
(Mamm) **pilispina** (San Luis Potosi) 1912,
(Mamm) **sartorii** (Vera Cruz) 1911 (disc by CA Purpus 1909 & na CCW Sartorius),
(Mamm) **viperina** (Puebla) 1912 (disc by CA Purpus 1908) —> **Mamm sphacelata** ssp **viperina** by DR Hunt 1997,
(Pachyphytum) **oviferum** (San Luis Potosi) 1919 (disc by CA Purpus 1910);
transfer *species*:
"Cereus pensilis" (MK Brandegee 1904) —> **Echinocereus pensilis** 1908.

†**Pursh**, [Pursch,] Frederick [Friedrich, Fredric, Frederic] Traugott (4 Feb 1774–11 Jul 1820); {Pursh}; Ger to US 1799; gardener, botanist & illustrator for a number of private gardens in Philadelphia, Pennsylvania area, New York & Canada 1799–1811; worked w M Lewis 1807–08 to catalogue plants of the Lewis & Clark Expedition of 1803–06; to Eng 1811–15; to Canada 1816;
Book [1814] *Flora Americae Septentrionalis* or, "A systematic arrangement & desc of the plants of N Amer" London, Eng; Eng; in 2 Vols;
Vol 1; 358p w 15 engraved plates;
Vol 2; 383p w 9 engraved plates;
desc *genus*:
Lewisia (N Amer from sw Canada to Baja Calif) 1814 (na M Lewis);
desc *species*:
(Lewisia) **rediviva** (sw Canada to Calif) 1814 (disc by M Lewis 1806),
(Sedum) **stenopetalum** (Rocky Mtns of Montana to Washington & Calif) 1814 (disc by M Lewis & W Clark c1806),
(Talinum) **teretifolium** (Pennsylvania to Georgia, Alabama, Tennessee) 1814.



†**Putnam**, Ernest Wm [**Bill**] (1922–1996); British industrial chemist, linguist & horticulturist; joined NCSS 1955, Fellow 1969, editor of Journal 1970–76 & Life Member 1981; founding member of Succ Plant Institute (Trust) 1962, first secretary 1964–65 & newsletter editor 1968–92; interested in Gymnocalycium; IOS member 1973; spouse Pamela W Putnam;
Book [1969] *A Synonymy of the Genus Gymnocalycium (1845–1967)* Morden, Eng; Eng; 22p,
[1978] *Gymnocalyciums (A Guide for Growers)* Brackley, Eng; Eng; 78p; (NCSS Handbook

5).

†**Putten**, Joost van (fl. 1925); RSA farmer in Western Cape where species below was disc;
species **nah (w spelling error):**
(Mesemb) **pittenii** (Western Cape) (desc & nah by HML Bolus 1929).

†**Putterill**, Victor Armsby (fl. 1917–26); {V.A.Putterill};
RSA mycologist & plant pathologist; MA at Univ College of Orange Free State;
fruit inspector in division of botany & plant pathology 1917 &
in charge of mycological laboratory in Cape Town, chief fruit inspector in 1926~;
species **nah:**
(Mesemb) **putterillii** (Orange Free State, Lesotho, Eastern Cape) (desc & nah by HML Bolus 1925) —> **Ruschia putterillii** by HML Bolus 1950.

†**Puttkamer**, Jesko Albert Eugen von (2 Jul 1855–23 Jan 1917); Ger colonial military chief & 9 times governor of Kamerun [Cameroon];
spouse Elisabeth [née Passow] von Puttkamer;
species **nah:**
(Mesemb) **puttkamerianum** (desc & nah by A Berger & MK Dinter 1914) —> **Hereroa puttkameriana** by MK Dinter & MHG Schwantes 1927.

Puy, (Dr) David J du (1958–); {Du Puy}; British field botanist;
PhD at Univ of Birmingham, Eng 1986; keeper & scientific officer of herbarium at Kew;
collected in Thailand 1983 & Mada 1988–95; specializes in legumes & orchids of Mada;
spouse Blaise P [née Clifford] Du Puy, botanist;
desc ***species*****:**
(Delonix) **pumila** [w PB Phillipson & R Rabevohitra] (Mada) 1995 (disc by them 1993);
transfer ***species*****:**
"Poinciana leucantha" (R Viguier 1949) —> **Delonix leucantha** [w PB Phillipson & R Rabevohitra] 1995;
desc ***subsp*****:**
(Delonix leucantha ssp) **bemarahensis** [w PB Phillipson & R Rabevohitra] (Mada) 1995 (disc by PB Phillipson 1987),
(Delonix leucantha ssp) **gracilis** [w PB Phillipson & R Rabevohitra] (Mada) 1995 (disc by them 1990).

Q

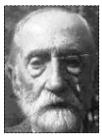
†**Quartin-Dillon**, (Dr med) Léon **Richard** (1 Mar 1814–22 Oct 1840); {Quart.-Dill.}; French physician & botanist; MD in 1839; plant collector [w A Petit] on (Lt) T Lefebvre expedition to Ethiopia 1839–43;

***species* nah:**
(Kalanchoe) **quartiniana** (Ethiopia) (desc & nah by A Richard 1847);
disc *species*:
(Huernia) **sprengeri** (Ethiopia, Eritrea, Somalia, Sudan, Yemen) c1840 (desc by GA Schweinfurth 1893 & na CL Sprenger) —> **Orbea sprengeri** by PV Bruyns 2001,
(Stapelia) **ango** (Ethiopia) (desc by A Richard 1851) —> **Caralluma ango** by NE Brown 1892,
(Stapelia) **macrocarpa** (Sudan, Eritrea, Yemen, Saudi Arabia, Ethiopia) (desc by A Richard 1851) —> **Huernia macrocarpa** by CL Sprenger 1892.

Quartuccio, Anthony;
Book [1984] *Rambling Through Baja Calif w Pen & Brush* San Jose, Calif; Eng; 120p.

†**Quehl**, Friedrich Adolph **Leopold** (27 Oct 1849–1922); {Quehl}; Ger botanist; cactus researcher 1873~; owned large collection in Halle, Ger; secretary of postal services in Halle; founding member of DKG; spouse Bertha [née Tümmler] Quehl (20 Sep 1849–);
desc *species*:
(Echinocactus) **macdowellii** (Coahuila, Nuevo Leon) 1894 —> **Thelocactus macdowellii** by WT Marshall 1947,
(Echinocactus) **quehlianus** (Cordoba) 1899 (na FAL Quehl by FF Haage) —> **Gymnocalycium quehlianum** by CC Hosseus 1926,
(Mamm) **arida** (Baja Calif) 1913 (disc by JN Rose 1911) —> **Mamm petrophila** ssp **arida** by DR Hunt 1998,
(Mamm) **bombycina** (Jalisco) 1910 (disc by F de Laet 1910),
(Mamm) **delaetiana** (Coahuila, Chihuahua, Durango) 1908 (na F de Laet) —> **Coryphantha delaetiana** by A Berger 1929,
(Mamm) **difficilis** (Coahuila) 1908 —> **Coryphantha difficilis** by CR Orcutt 1926,
(Mamm) **echinoidea** (Durango) 1913 —> **Coryphantha echinoidea** by NL Britton & JN Rose 1923,
(Mamm) **eichlamii** (Guatemala, Honduras, Chiapas, Nicarauga) 1908 (na F Eichlam),
(Mamm) **emskoetteriana** (Coahuila, Nuevo Leon, Tamaulipas, Texas) 1910 (na R Emskotter) —> **Escobaria emskoetteriana** by FJ Borg 1937,
(Mamm) **knippeliana** (Morelos) 1907 (na C Knippel),
(Mamm) **painteri** (Queretaro) 1917 (disc by JN Rose 1905 & na JH Painter).

†**Queva**, (Prof) (Dr) Charles (fl. 1894); {Queva}; French botanist;
prof of botany at Dijon Univ, France 1902~;
***species* nah:**
(Sedum) **quevae** (Puebla) (desc & nah by Raymond-Hamet 1914).



†**Quevedo**, Miguel Angel de (27 Sep 1862–15 Jul 1946); Mex civil engineer & conservationist; earned civil engineering degree at Ecole Nationale des Ponts et Chaussees, France 1887; back to Mex 1888; dir of Forestry Dept at Ministry of Agriculture, Mex; founded a national tree nursery at Rancho Panzacola, Coyoacan, Mex;
species **nah:**
(Lemaireocereus) **quevedonis** (Sinaloa) (desc & nah by J Gonzalez Ortega 1928) —> **Stenocereus quevedonis** by F Buxbaum 1961.

Quezel, [Quézel,] Pierre Ambrunaz (1926–); {Quezel}; France;
desc *species*:
(Sedum) **tymphaeum** [w J Contandriopoulos] (Greece) 1967 —> **Prometheum tymphaeum** by H 't Hart 1995.

†**Quillin**, [née Schulz] **Ellen** Dorothy (16 Jun 1892–6 May 1970); {E.D.Schulz}; US botanist; MS at Michigan Univ 1918; high school teacher at San Antonio, Texas 1919–60; dir of Witte Memorial Museum at San Antonio, Texas 1925–60 (at $1/yr salary); CSSA Fellow award 1945; spouse Roy Wm Quillin, ornithologist;
Book [1928] *Texas Wild Flowers* Chicago, Illinois; Eng; 505p w 4 color plates,
[1930] *Texas Cacti* [w R Runyon] San Antonio, Texas; Eng; 181p,
[1932] *Cactus Culture* NYC; Eng; 157p; (rev 1942).

†**Quimby**, (Prof) (Dr) Maynard Ward (1905–1988); US botanist; PhD at Cornell Univ, Ithaca, NY 1939; prof of botany at Auburn Univ, Montgomery, Alabama;
Book [1939] *The Floral Morphology of the Crassulaceae* Ithaca, NY; Eng; 42p; (PhD thesis).

Quinn, Meg; US horticulturist & educator;
Book 2001] *Cacti of the Desert Southwest* Tucson, Arizona; Eng; 88p w 95 color photos.

Quirk, Patrick (fl. 1998); {P.Quirk}; US cactus horticulturist; staff member at Desert Bot Garden, Phoenix, Arizona & dir of cactus horticulture;
desc *species*:
(Echinocereus) **mapimiensis** [w EF Anderson & WC Hodgson] (Coahuila) 1998 (disc by DJ Keil & LA McGill 1971).

Quiros, Alice;
Book [1977] *The World of C&S, & other Water-Thrifty Plants* [w BL Young] San Francisco, Calif; Eng; 98p w 367 color photos.

R

†**Raadts**, (Dr) **Edith** Marie (3 Dec 1914–3 Jan 2004); {Raadts}; Ger botanist;
PhD at Münster Univ 1947; lecturer at Hamburg Univ 1949–62; curator at Berlin-Dahlem Bot Garden, Ger 1962–79; specialist in Crassulaceae, especially Kalanchoe; collected in Kenya 1968, in Sri Lanka, Singapore & Java 1969 & in East Africa 1973–74;
desc *species*:
(Kalanchoe) **boranae** (Kenya) 1983,
(Kalanchoe) **fadeniorum** (Kenya) 1979 (disc by AJ Faden & na RB & AJ Faden),
(Kalanchoe) **germanae** (Tanzania) 1983;
desc *subsp*:
(Kalanchoe nyikae ssp) **auriculata** (Kenya, Tanzania) 1977;
desc *variety*:
(Kalanchoe alternans var) **lanceolata** (Yemen) 1995,
(Kalanchoe deficiens var) **glabra** (Yemen) 1989,
(Kalanchoe densiflora var) **minor** (Kenya) 1977.

Rabesa, (Dr) Zafera Antoine (20 May 1950–); Mada botanist & phytochemist;
DSc in phytochimie at Univ Claude-Bernard Lyon, France 1980; dir of dept d'Ethnobotanique, Antananarivo, Mada; collected in Mada 1981–83;
Book [1982] *Weitere Untersuchungen an Didiereaceen*; French w Ger summary; 26p.

Rabevohitra, Andrianasolo Raymond (16 Sep 1946–); {R.Rabev.}; Mada botanist;
prof at dept of forest & piscicultural research, natl research center, Univ of Antananarivo, Mada; collected in Mada;
desc *species*:
(Delonix) **pumila** [w PB Phillipson & DJ Du Puy] (Mada) 1995 (disc by them 1993);
transfer *species*:
"Poinciana leucantha" (R Viguier 1949) —> **Delonix leucantha** [w PB Phillipson & DJ Du Puy] 1995;
desc *subsp*:
(Delonix leucantha ssp) **bemarahensis** [w PB Phillipson & DJ Du Puy] (Mada) 1995 (disc by PB Phillipson 1987),
(Delonix leucantha ssp) **gracilis** [w PB Phillipson & DJ Du Puy] (Mada) 1995 (disc by them 1990).

†**Rabie**, (Revd) WA; collector in Orange Free State, RSA;
***genus* nah:**
Rabiea (Cape, Karroo, Free State) (desc & nah by NE Brown 1930);
***species* nah:**
(Aridaria) **rabiei** (Orange Free State) (desc & nah by HML Bolus 1927) —> **Phyllobolus rabiei** by M Gerbaulet 1997.

Rachlin, Carol K; US;
Book [1971] *Peyote (An Account of the Origins & Growth of the Peyote Religion)* [w A Marriott]

NYC; 111p.

†**Radcliffe-Smith**, Alan (1938–8 Aug 2007); {Radcl.-Sm.}; British botanist; BSc degree; botanist at Kew herbarium; specialized in Euphorbiaceae family; expert in Latin & Greek; explored in Africa & Arabia;

Book [1986] *Euphorbiaceae (Vol 172 of Flora of Pakistan)* Karachi, Pakastan; Eng; 170p.

[1987] *Jatropha* section in *Euphorbiaceae Part 1* from *Flora of Tropical East Africa.* Rotterdam, Netherlands; Eng; 24p,

[2000] *World Checklist & Bibliography of Euphorbiaceae (& Pandaceae)* [w R Govaerts & DG Frodin] Kew, Eng; Eng; 1,621p,

[2001] *Genera Euphorbiacearum* Kew; Eng; 455p w illustrations by Camilla Speight; (editor of);

disc *species*:

(Caralluma) **dioscoridis** [w JJ Lavranos] (Socotra) 1967 (desc by JJ Lavranos 1971) —> **Duvaliandra dioscoridis** by MG Gilbert 1980,

(Echidnopsis) **insularis** [w JJ Lavranos] (Socotra) 1967 (desc by JJ Lavranos 1970),

(Euphorbia) **quadrispina** [w PRO Bally] (Kenya) 1972 (desc by S Carter 1982);

desc *species*:

(Cissus) **hamaderohensis** (Socotra) 1971,

(Euphorbia) **inornata** (Cape) 1978,

(Jatropha) **botswanica** (Botswana) 1991,

(Jatropha) **dhofarica** (Oman) 1980,

(Jatropha) **loristipula** (Zimbabwe) 1991,

(Jatropha) **pachyrrhiza** (Zambia) 1991,

(Jatropha) **uncinulata** (Yemen) 1991,

(Jatropha) **variabilis** (Somalia) 1984,

(Riocreuxia) **nepalensis** (Nepal) 1967 —> **Brachystelma nepalense** by U Meve 1997;

transfer *species*:

"Jatropha setifera" (PC Hutchison 1946) —> **Jatropha schlechteri** ssp **setifera** 1991;

desc *subsp*:

(Jatropha schweinfurthii ssp) **atrichocarpa** (Tanzania, Zimbabwe) 1973,

(Jatropha schweinfurthii ssp) **zambica** (Zambia) 1991;

desc *variety*:

(Jatropha seineri var) **tomentella** (Zambia) 1991;

transfer *variety*:

"Jatropha villosa var glabra" (J Muller Argoviensis 1866) —> **Jatropha pelargoniifolia** var **glabra** 1983,

"Jatropha villosa var sublobata" (O Schwartz 1939) —> **Jatropha pelargoniifolia** var **sublobata** 1983.

†**Radetzki**, A;

Book [1931] *Beschreibung der Kakteen-Gattungen (Nebst Anleitung zur Anzucht, Kultur und Pflege)* Berlin, Ger; 16p.

Radley, (Mr) F;
disc *species*:
(Echinocereus) **chisoensis** (Texas) 1939 (desc by WT Marshall 1940),
(Echinocereus) **stoloniferus** [w ? Parsons & H Bettencourt] (Sonora) 1934 (desc by WT Marshall 1938).

†**Raffill**, **Charles** Percival (1876–1951); British horticulturist; worked at Edgbaston Bot Gardens, Birmingham, Eng 1895–98; assistant curator at Kew 1898~ & in charge of NE Brown's collection of Sansevierias; awarded VMH 1939;
***species* nah:**
(Sansevieria) **raffillii** (Kenya) (desc & nah by NE Brown 1915 & disc by H Powell).

†**Rafinesque**, [Rafinesque-Schmaltz, ≈1814] Constantine [Constantin] Samuel (22 Oct 1783–18 Sep 1840); {Raf.}; Frenchman to Italy 1795–1802, to US 1802–06, to Palermo, Italy 1806–15 & to US 1815~; economist, conchologist, naturalist, archaeologist, taxonomist & botanist; prof of natural history, botany & modern languages at Transylvania Univ, Lexington, Kentucky 1818–26 &to Philadelphia, Pennsylvania 1826~; prolific writer;
desc *genera*:
Delonix (Mada, Africa, Arabia, India) 1837,
Phedimus (Europe, Asia) 1817,
Tripogandra (tropical Amer) 1837,
Turbina (tropical Amer & Africa, RSA, New Caledonia) 1838;
desc *species*:
(Cactus) **humifusa** (S Dakota to Texas to Florida to NY, Ontario Canada) 1820 —> **Opuntia humifusa** by him 1830,
(Nemopogon) **glaucum** (New S Wales, Victoria, Tasmania) 1837 —> **Bulbine glauca** by EM Watson 1987,
(Rhodiola) **integrifolia** (Arctic Siberia, Aleutian Islands, western US & Canada) 1832,
(Sedum) **nuttallianum** (Oklahoma, Texas, Arkansas, Missouri) 1832,
(Sesuvium) **verrucosum** (Calif, Arizona, New Mex, Texas into Mex) 1838;
transfer *species*:
"Sedum stellatum" (C Linnaeus 1753) —> **Phedimus stellatus** 1817,
"Tradescantia multiflora" (PO Swartz 1788) —> **Tripogandra multiflora** 1837.

†**Ragonese**, (Prof) (Dr) Arturo Enrique (13 Feb 1909–17 Jan 1992); Argentinean botanist & agronomist; agriculture engineering degree at Faculty of Veterinary Medicine & Agronbomia 1938; prof at Natl Center of Agricultural Investigations, Cestellar, Argentina; Arturo Ragonese Bot Gardens, Buenos Aires, Argentina nah;
***species* nah:**
(Gymnocalycium) **ragonesei** (Catamarca) 1949 (desc & nah by A Castellanos 1950),
(Portulaca) **ragonesei** (Argentina) (desc & nah by CMD Legrand 1949).

†**Ragusa**, Henrici; garden in Florence, Italy;
species **nah:**
(Agave) **ragusae** (Mex) (desc & nah by A Terracciano 1897).

†**Raimondi**, Antonio (19 Sep 1826–26 Oct 1890); {Raimondi}; Italian botanist, geographer & naturalist; to Peru 1850~; prof of botany at Lima Univ & later adm div geologist; collected in Peru;
genus **nah:**
Neoraimondia (Bolivia, Peru) (desc & nah by NL Britton & JN Rose 1920).

†**Rainman**, [née Loewi,] **Marlene** P (1921–10 Sep 2008); Italian to Calif c1938; founding member of Sunset Succ Soc, Santa Monica, Calif 1961;
succ nursery at Fort Bragg, Calif; CSSA show judge; CSSA slide program chair; explored & collected in sw US & Mex; traveled to RSA, Australia, New Zealand & Tasmania; CSSA Superior Service award 1991;
Book [1979] *An Intro to the Stapeliads* Fort Bragg, Calif; Eng; 32p w 58 color photos.

Rajus, — see **Ray**.

Rakotoarison, Bana; Mada; worked for Département des Eaux et Forêts, Tolairo, Mada;
disc *species*:
(Aloe descoingsii ssp) **augustina** (Mada) ≈1988 (desc by WHH Rauh 1995).

Rakotonanahary, Cyrille; teacher in Mada;
species **nah:**
(Aloe) **cyrillei** (Mada) (desc & nah by J-B Castillon 2004 & disc by J-B Castillon 2000).

Rakotozafy, Armand (9 Sep 1932–); Mada botanist;
dir at Tsimbazaza Herbarium, Antananarivo, Mada 1970s–80s;
disc *species*:
(Ceropegia) **armandii** [w WHH Rauh] (Mada) (desc & nah by WHH Rauh 1964);
variety **nah:**
(Euphorbia francoisii var) **rakotozafyi** (Mada) (desc & nah by GA Cremers 1984)
—> **Euphorbia cremersii** var **rakotozafyi** by WHH Rauh 1995.

Rakouth, [née Ramamonjiarisoa,] (Prof) (Dr) Bakolimalala [**Bakoli**] (3 Mar 1950–); Mada botanist; PhD at Univ of Massachusetts, Amherst 1980; prof of botany at Univ de Mada, Antananarivo 1980~; collected in Tanzania 1977 & Mada 1990;
desc *species*:
(Aloe) **pronkii** [w JJ Lavranos & TA McCoy] (Mada) 2006 (disc by O Pronk & nah).

Ralston, Barbara E; {Ralston}; prof at Sul Ross State Univ, Alpine, Texas; worked on US Geological Survey at Grand Canyon Monitoring & Research Center;
desc *species*:
(Opuntia) **aggeria** [w RA Hilsenbeck] (Coahuila, Texas) 1990 (disc by MS Anthony 1948) —> **Corynopuntia aggeria** by MP Griffith 2002.

Ramakrishna, TM (fl. 1981); {T.M.Ramakrishna}; India;
desc *species*:
(Brachystelma) **kolarensis** [w GD Arekal] (India) 1981.

Ramamurthy, Kandasamy (1933–); {Ramam.}; India botanist;
desc *variety*:
(Jatropha villosa var) **ramnadensis** (India) 1967.

Ramirez, [Ramírez,] J Jiménez — See **Jimenez Ramirez**, J.

Ramirez, Juan; Chontal Indian from Tehuantepec, Mex;
disc *species*:
(Sedum) **macdougallii** (Oaxaca) 1967 (desc by RV Moran 1977 & na TB MacDougall).

Ramirez-Roa, Angélica (fl. 1997); {Ram.-Roa}; Mex; Herbario Nacional, Dept de Botánica, Univ Nacional Autonoma de Mex;
desc *species*:
(Euphorbia) **gradyi** [w VW Steinmann] (Oaxaca, Puebla) 1999 (disc by J Rzedowski 1959 & na Grady L Webster).

Rammeloo, (Dr) Jan (1946–); dir of natl bot garden, Meise, Belgium;
Book [1993] *Le Mexique (Des Plantes Pour les Hommes* [w R Walleyn] Bruxelles, Belgium; 144p (Cactaceae 10p; Agave 24p).

Randall, RB;
disc *species*:
(Trichocereus) **randallii** (Bolivia) (desc & nah by M Cardenas 1963) —> **Echinopsis formosa** ssp **randallii** by M Lowry 2002.

†**Range**, (Prof) (Dr) Paul Theodor (1 May 1879–29 Aug 1952); {Range}; Ger geologist & botanist; PhD at Leipzig Univ; government geologist in Namibia 1906–14; prof of geology at Berlin Univ 1921~; specialized in botany of Namibia;
***species* nah:**
(Caralluma) **rangeana** (SW Africa) (desc & nah by MK Dinter & A Berger 1914 & disc by MK Dinter 1913);
disc *species*:
(Bowiea) **gariepensis** (Northern Cape, Namibia) 1909 (desc by EJ van Jaarsveld 1983).

Rao, Guang Yuan (fl. 1988); {G.Y.Rao}; Chinese prof at Peking Univ;
desc *species*:
(Sedum) **dimorphophyllum** [w KT Fu] (China) 1988,
(Sedum) **hangzhouense** [w KT Fu] (China) 1988,
(Sedum) **latentibulbosum** [w KT Fu] (China) 1988;
desc *subsp*:
(Sedum tosaense ssp) **sinense** [w KT Fu] (China) 1988.

Rapanarivo, Solo Hery JV (fl. 1997); {Rapan.}; Mada; Parc Botanique & Zoologique de Tsimbazaza, Antananarivo, Mada;
Book [1999] *Pachypodium (Apocynaceae) — Taxonomy, Habitats & Cultivation* [w JJ Lavranos, AJM Leeuwenberg & W Roosli] Rotterdam, Netherlands; Eng;
120p w 80 color photos;
desc *species*:
(Pachypodium) **bicolor** [w JJ Lavranos] (Mada) 1997 (disc by A Razafindratsira 1990) —> **Pachyposium rosulatum** fa **bicolor** by GD Rowley 1998,
(Pachypodium) **eburneum** [w JJ Lavranos] (Mada) 1997 (disc by W Roosli & R Hoffmann 1996) —> **Pachypodium rosulatum** var **eburneum** by GD Rowley 1998.

Raschig, W;
Book [1971] *Die Botanischen Kakteennamen* Ingelheim/Rhein, Ger; Ger; 92p; (etymological dictionary of cactus names).

Raskin, Edith; US teacher & writer for young people;
studied ornithology, bacteriology & climatology at Cornell Univ;
MA at NY Univ; science teacher in NYC high schools; spouse Joseph Raskin;
Book [1971] *The Fantastic Cactus (Indoors & in Nature*) NYC; Eng; 112p.

†**Rasse**, Alice; an acquaintance of Raymond-Hamet;
***species* nah:**
(Crassula) **aliciae** (China) (desc & nah by Raymond-Hamet 1908) —> **Orostachys aliciae** by H Ohba 1978,
(Sedum) **liciae** (Yunnan) (desc & nah by Raymond-Hamet 1909) —> **Rhodiola chrysanthemifolia** ssp **liciae** by H Ohba 1987.

†**Rathbun**, (Dr) Richard (25 Jan 1852–16 Jul 1918); US geologist, paleontologist & nature researcher; geologist at Geological Commission of Brazil 1875–78; curator & assistant secretary of Smithsonian Institute in charge of US National Museum 1881~; authority on marine invertebrates;
***genus* nah:**
Rathbunia (Mex) (desc & nah by NL Britton & JN Rose 1909).

†**Rattray**, (Dr) George (1872–13 May 1941); Scotland to RSA 1903; botanist, zoologist, teacher & naturalist; principal at Selbourne College, East London, RSA 1904–31; collected in eastern Cape Province & western Rhodesia; primary interest was in cycads; DSc w thesis on S African Cycadaceae at Aberdeen Univ, Scotland 1910;

disc *species*:

(Crassula) **rattrayi** (Northern Cape, Eastern Cape) (desc & nah by S Schonland & EG Baker 1902) —> **Crassula pubescens** ssp **rattrayi** by HR Tolken 1975.

†**Rauh**, (Prof) (Dr) **Werner** Hermann Heinrich (16 May 1913–7 Apr 2000); {Rauh}; Ger botanist, photographer & scientist; authority on multiple plant families, lecturer & prolific writer; studied botany, zoology, chemistry & geology at Univ of Liepzig, Innsbruck & Haller 1932–37; student of W Troll; PhD thesis on hypocotyl & root formation & their influence on plant form at Univ of Halle, Ger 1937; prof at Institute of Systematic Botany & Plant Geography, Univ of Heidelberg, Ger, 1939~ & dir of Univ Bot Garden 1960~; explored in

1943 — Greece
1950 — Morocco,
1951 — nw Africa, Spain,
1954 — Peru, Ecuador w R Hirsch,
1956 — Peru
1959 — Mex,1959/1960 — Mada, Tanzania, Kenya [w D Andrae],
1961 — Mada, RSA,
1963 — Mada, Comoro Islands [w G Buchloh],
1963/1964 — Arabia,
1964 — RSA w JJ Lavranos, Mex,
1966 — Mex w R Dull,
1967 — Peru w spouse, Mex,
1968 — RSA w H Herre,
1969 — Mada, Comoro Islands w [KH Senghas],
1970 — Peru, Baja Calif,
1971 — Calif, Arizona (4 corners area),
1973 — Ecuador, Galapagos Islands, Peru, Brazil [w spouse & WA Barthlott],
1974 — Mex, Calif w spouse,
1975 — Brazil, Colombia, Ecuador, Peru, Panama [w spouse],
1976 — Peru, Bolivia, Chile,
1977 — Gran Canaria in Canary Islands, Arizona, Utah, Guatamala, Costa Rica, Panama [w spouse in Mex],
1978 — Papau, New Guinea, Philippines,
1979 — Namibia, RSA,
1980 — Mex, Peru, Ecuador [w spouse],
1981 — Brazil w L Horst,
1982 — RSA, Texas, Florida, Panama, Dominican Rep,
1983 — Ecuador, Peru, Argentina,

1984 — Venezuela, Dominican Rep, Panama,
1985 — Calif, Baja Calif, Peru,
1986 — Argentina, Brazil;

student of Cactaceae of Peru & Didiereaceae of Mada; IOS member 1959, vp 1977–84 & honorary member 1990; CSSA Fellow award 1973; Monaco Cactus d'Or award from Monaco's Princess Grace [Kelly] 1978 (first recipient & only one in solid gold); C von Wildenow Medal award by Berlin Bot Garden, Ger 1979; spouse Hilde [née Dietze] Rauh (7 Jan 1912–2 Sep 1997);

Book [1956] *Morphologische, Entwicklungsgerchichtliche, Histogenetische und Anatomische Untersuchungen an den Sprossen der Didiereaceen* Wiesbaden, Ger; Ger; 104p,

[1958] *Beitrag zur Kenntnis der Peruanischen Kakteen-Vegetation* Heidelberg, Ger; Ger; 542p; (desc cacti from expeditions in 1954 & 1956),

[1961–74] *Weitere Untersuchungen an Didiereaceen* Heidelberg; Ger;in 4 Vol;
[1961] Vol 1, 118p;
[1961] Vol 2, 227p;
[1970] Vol 3, [w Klaus Dittmar]; 88p;
[1974] Vol 4, [w R Schill & H-P Wieland]; Ger w Eng summary; 14p,

[1967] *Die Grossartige Welt der Sukkulenten* = "The Wonderful World of Succ" Berlin, Ger; Ger; 183p w 62 color photos; (rev 1979),

[1967] *Schöne Kakteen und andere Sukkulenten* Heidelberg; Ger; 221p w 222 color photos,

[1972] *The Genus Pachypodium*; Eng; 27p,

[1973] *Uber Die Zonierung und Differenzierung der Vegetation Mada* Mainz, Ger; Ger; 146p,

[1973] *Rasterelektronen-mikroskopische Untersuchungen an Cacteen* [w WA Barthlott, R Schill & N Ehler]; Ger; 14p,

[1974] *Weitere Untersuchungen an Didiereaceen* [w R Schill & H Wieland] Mainz, West Ger; Ger w brief Eng summary; 14p; (Vol 4),

[1978] *Die 100 Schönsten Kakteen* Stuttgart, Ger; Ger; 152p w 106 color photos,

[1979] *Kakteen an Ihren Standorten = "Cacti in Habitat"* Hamburg; Ger; 230p w 72 color photos,

[1979] *Wondere Wereld van Cactussen en Vetplanten*; Dutch; 302p w222 color photos,

[1984] *The Wonderful World of Succ* DC; Eng; 164p w 62 color photos; (Eng translation of 1979 edition of *1967 Die Grossartige Welt der Sukkulenten*),

[1984] *Anatomisch-Biochemische Untersuchungen an Euphorbien* Mainz; Ger; 108p; (coauthor & editor; 1 paper in Ger & 2 in Eng),

[1993] *Neue Asclepiadaceen aus Mada*; Ger; 41p,

[1995–98] *Succ & Xerophytic Plants of Mada* Mill Valley, Calif; Eng; (in 2 Vols);
[1995] Vol 1; 346p w 1,100 color photos;
[1998] Vol 2; 385p w 1,236 color plates,

[1999] *Weitere neue und Wenig Bekannte Euphorbien aus Mada*;Ger; 35p;

genera **nah:**

Rauhia (Peru) (desc & nah by HP Traub 1952),

Rauhocereus (Peru) (desc & nah by C Backeberg 1957);

species **nah:**

(Armatocereus) **rauhii** (Peru) (desc & nah by C Backeberg 1957);

(Aloe) **buchlohii** (Mada) 1960 (desc by WHH Rauh 1966 & na G Buchloh),
(Aloe) **delphinensis** (Mada) 1989 (desc by WHH Rauh),
(Aloe) **rauhii** (Mada) 1961 (desc & nah by GW Reynolds 1963),
(Aloe) **schomeri** 1959 (desc by WHH Rauh 1966),
(Aloe) **werneri** (Mada) 1961 (desc & nah by J-B Castillon 2007);
(Conophytum) **rauhii** (Cape) 1961 (desc & nah by A Tischer 1967) —> **Conophytum uviforme** ssp **rauhii** by SA Hammer 1993,
(Corryocactus) **ayacuchoensis** (Peru) 1954 (desc by NL Britton & JN Rose 1957),
(Cynanchum) **rauhianum** (Mada) (desc & nah by BM Descoings 1963),
(Euphorbia) **capsaintemariensis** (Mada) 1954 (desc by him 1970),
(Euphorbia) **platyclada** (Mada) (desc by him 1970),
(Rauhocereus) **riosaniensis** (Amazonas A) 1954 (desc by C Backeberg 1958),
(Sansevieria) **ballyi** (Kenya) 1960 (desc & na PRO Bally by LE Newton 2004),
(Weberbauerocereus) **rauhii** (Peru) 1954 (desc & nah by C Backeberg 1957);

desc *species*:

(Alluaudia) **montagnacii** (Mada) 1961 (disc by R Montagnac & nah),
(Alluaudiopsis) **marnieriana** (Mada) 1961 (na JLE Marnier-Lapostolle),
(Aloe) **alfredii** (Mada) 1990 (disc by Alfred Razafindratsira 1987 & nah),
(Aloe) **ankaranensis** [w RD Mangelsdorff] (Mada) 2000,
(Aloe) **buchlohii** (Mada) 1966 (na G Buchloh),
(Aloe) **capmanambatoensis** [w R Gerold] (Mada) 2000,
(Aloe) **delphinensis** (Mada) 1990 (disc by ? Wasshausen),
(Aloe) **fleuretteana** [w R Gerold] (Mada) 2000 (na Fleurette Andriantsjlavo),
(Aloe) **lucile-allorgeae** (Mada) 1998 (disc by J-H Humbert 1936 & na Lucile Allorge),
(Aloe) **ruffingiana** [w H Petignat] (Mada) 1999 (na E Ruffing),
(Aloe) **schomeri** (Mada) 1966 (na M Schomerus),
(Aloe) **steffanieana** (Mada) 2000 (na Steffanie Paulsen),
(Aloe) **zombitsiensis** [w M Teissier] (Mada) 2000,
(Armatocereus) **procerus** [w C Backeberg] (Peru) 1957,
(Armatocereus) **riomajensis** [w C Backeberg] (Peru) 1957,
(Caralluma) **lavrani** [w HP Wertel] (Yemen) 1965 (na JJ Lavranos),
(Ceropegia) **ambovombensis** [w R Gerold] (Mada) 1997,
(Ceropegia) **armandii** (Mada) 1964 (disc by WHH Rauh & Armand Rakorozafy & nah),
(Ceropegia) **bosseri** [w G Buchloh] (Mada) 1965 (na JM Bosser),
(Ceropegia) **gikyi** [w R Gerold] (Mada) 1998 (disc by R Gerold & A Robivelo 1996 & na M Giky),
(Ceropegia) **hermannii** [w M Teissier] (Mada) 1996 (na Hermann Petignat),
(Ceropegia) **hofstaetteri** (Mada) 1993 (na S Hofstaetter),
(Ceropegia) **petignatii** (Mada) 1993 (disc by H Petignat & nah),
(Ceropegia) **robivelonae** [w R Gerold] (Mada) 1998 (na A Robivelo),
(Ceropegia) **simoneae** (Mada) 1993 (na Simone Petignat),
(Cleistocactus) **tenuiserpens** [w C Backeberg] (Peru) 1957 (disc by WHH Rauh 1956),
(Crassula) **susannae** [w CH Friedrich] (Little Namaq) 1962 (disc by Susanna Lavranos &

nah),
(Cynanchum) **descoingsii** (Mada) 1993 (na BM Descoings),
(Cynanchum) **marnierianum** (Mada) 1970 (disc by him 1963
& na JLE Marnier-Lapostolle),
(Cynanchum) **petignatii** [w SL Liede] (Mada) 1996 (na H Petignat),
(Cynanchum) **rossii** (Mada) 1970 (na E Ross),
(Didierea) **trollii** [w RPR Capuron] (Mada) 1961 (na W Troll),
(Duvalia) **andreaeana** (Kenya) 1961 (na D Andreae) —> **Huernia andreaeana** by LC Leach 1974,
(Dyckia) **braunii** (Goias) 1990 (na PJ Braun),
(Erdisia) **quadrangularis** [w C Backeberg] (Peru) 1957 —> **Corryocactus quadrangularis** by F Ritter 1958,
(Euphorbia) **alfredii** (Mada) 1987 (disc by Alfred Razafindratsira & nah),
(Euphorbia) **ambarivatoensis** [w M Bardot-Vaucoulon] (Mada) 1999,
(Euphorbia) **ambovombensis** [w A Razafindratsira] (Mada) 1987,
(Euphorbia) **analavelonensis** [w RD Mangelsdorff] (Mada) 2000,
(Euphorbia) **ankazobensis** [w S Hofstatter] (Mada) 2000,
(Euphorbia) **annamarieae** (Mada) 1991 (disc by WHH Rauh & G Buchloh 1961 & na Annamarie Braus-Ross),
(Euphorbia) **ballyana** (Kenya) 1966 (disc by WHH Rauh 1960 & na PRO Bally),
(Euphorbia) **banae** (Mada) 1993 (disc by WHH Rauh 1959 & na R Bana),
(Euphorbia) **bemarahaensis** [w RD Mangelsdorff] (Mada) 1999,
(Euphorbia) **berorohae** [w S Hofstatter] (Mada) 1995,
(Euphorbia) **bongolavensis** (Mada) 1993,
(Euphorbia) **bulbispina** [w A Razafindratsira] (Mada) 1991 (disc by A Razafindratsira),
(Euphorbia) **capmanambatoensis** (Mada) 1995,
(Euphorbia) **capsaintemariensis** (Mada) 1970,
(Euphorbia) **cedrorum** [w R Hebding] (Mada) 1993,
(Euphorbia) **cremersii** [w A Razafindratsira] (Mada) 1991 (disc by A Razafindratsira 1987 & na G Cremers),
(Euphorbia) **cylindrifolia** [w JLE Marnier-Lapostolle] (Mada) 1961,
(Euphorbia) **geroldii** (Mada) 1994 (na R Gerold),
(Euphorbia) **gottlebei** (Mada) 1992 (disc by G Gottlebe 1990 & nah),
(Euphorbia) **herman-schwartzii** (Mada) 1991 (disc by WHH Rauh, HA Schwartz, SL Linden & DC Wasshausen 1990 & na HA Schwartz),
(Euphorbia) **hofstaetteri** (Mada) 1992 (na S Hofstatter),
(Euphorbia) **iharanae** (Mada) 1995,
(Euphorbia) **kamponii** [w H Petignat] (Mada) 1995 (disc by H Petignat c1990),
(Euphorbia) **kondoi** [w A Razafindratsira] (Mada) 1989 (disc by A Razafindratsira 1986 & na ? Kondo),
(Euphorbia) **labatii** [w M Bardot-Vaucoulon] (Mada) 1999 (na J-N Labat).
(Euphorbia) **mahabobokensis** (Mada) 1995(disc by H Petignat, M Teissier & WHH Rauh 1993),

(Euphorbia) **mangelsdorffii** (Mada) 1998 (na RD Mangelsdorff),
(Euphorbia) **maritae** (Tanzania) 1999 (disc by Marita Specks 1999 & nah),
(Euphorbia) **martinae** (Mada) 1999 (na Martine Bardot-Vaucoulon),
(Euphorbia) **moratii** (Mada) 1970 (disc by P Morat & nah),
(Euphorbia) **neobosseri** (Mada) 1992 (disc by J Bosser c1963 & nah),
(Euphorbia) **parvicyathophora** (Mada) 1986 (disc by JJ Lavranos 1975),
(Euphorbia) **platyclada** (Mada) 1970,
(Euphorbia) **retrospina** [w R Gerold] (Mada) 2000,
(Euphorbia) **robivelonae** (Mada) 1994 (na A Robivelo),
(Euphorbia) **rossii** [w G Buchloh] (Mada) 1967 (na ? Ross),
(Euphorbia) **sakarahaensis** (Mada) 1992 (disc by S Hofstatter 1991),
(Euphorbia) **specksii** (Tanzania) 2000 (disc by M & E Specks 1999 & na E Specks),
(Euphorbia) **suzannae-marnierae** [w H Petignat] (Mada) 1996 (na Suzanne Marnier-Lapostolle),
(Euphorbia) **waringiae** [w R Gerold] (Mada) 1998 (na (Mrs) Gerold),
(Gasteria) **baylissiana** (Eastern Cape) 1977 (disc by J Truter 1960 & na RDA Bayliss),
(Gymnocereus) **amstutziae** [w C Backeberg] (Peru) 1957 (disc by E Amstutz 1956 & nah) —> **Browningia amstutziae** by H Krainz 1965,
(Haageocereus) **acanthocladus** [w C Backeberg] (Peru) 1957 (disc by F Ritter 1956) —> **Haageocereus pseudomelanostele** var **acanthocladus** by C Ostolaza 2003,
(Haageocereus) **aureispinus** [w C Backeberg] (Peru) 1958 (disc by F Ritter 1956) —> **Haageocereus pseudomelanostele** var **aureispinus** by C Ostolaza 1998,
(Haageocereus) **pseudoversicolor** [w C Backeberg] (Peru) 1957.
(Haageocereus) **turbidus** [w C Backeberg] (Peru) 1957 —> **Haageocereus pseudomelanostele** var **turbidus** by C Ostolaza 1998,
(Kalanchoe) **bogneri** (Mada) 1993 (na J Bogner),
(Kalanchoe) **dinklagei** (Mada) 1985 (na W Dinklage),
(Kalanchoe) **rechingeri** [w R Hebding] (Mada) 1995 (na KH Rechinger),
(Lomatophyllum) **anivoranoense** [w R Hebding] (Mada) 1998 —> **Aloe anivoranoensis** by LE Newton & GD Rowley 1998,
(Lomatophyllum) **belavenokense** [w R Gerold] (Mada) 1994 (disc by R Gerold 1990) —> **Aloe belavenokensis** by LE Newton & GD Rowley 1997,
(Lomatophyllum) **namorokaense** (Mada) 1998 —> **Aloe namorokaensis** by LE Newton & GD Rowley 1998,
(Lomatophyllum) **propaguliferum** [w Razafindratsira] (Mada) 1998 —> **Aloe propagulifera** by LE Newton & GD Rowley 1998,
(Loxanthocereus) **hystrix** [w C Backeberg] (Peru) 1957 —> **Cleistocactus hystrix** by C Ostolaza 1998,
(Loxanthocereus) **pachycladus** [w C Backeberg] (Peru) 1957 (disc by WHH Rauh 1956) —> **Cleistocactus pachycladus** by C Ostolaza 1998,
(Loxanthocereus) **pullatus** [w C Backeberg] (Peru) 1957 (disc by C Backeberg 1956) —> **Cleistocactus acanthurus** ssp **pullatus** by C Ostolaza 1998,
(Loxanthocereus) **sulcifer** [w C Backeberg] (Peru) 1957 (disc by WHH Rauh 1956)

—> **Cleistocactus sulcifer** by BE Leuenberger 2002,

(Mamm) **hystrix** [w C Backeberg] (Peru) 1957 (disc by WHH Rauh 1956) —> **Mammillaria haynei** ssp **hystrix** by R Mottram 1997,

(Melocactus) **bellavistensis** [w C Backeberg] (Ecuador, Peru) 1957 (disc by WHH Rauh 1954),

(Mila) **pugionifera** [w C Backeberg] (Peru) 1957 (disc by WHH Rauh 1956) —> **Mila caespitosa** ssp **pugionifera** by DR Hunt 2005,

(Monvillea) **jaenensis** [w C Backeberg] (Peru) 1957 (disc by WHH Rauh 1956) —> **Praecereus euchlorus** ssp **jaenensis** by C Ostolaza 1998,

(Notonia) **hebdingii** [w G Buchloh] (Mada) 1987 (na R Hebding) —> **Senecio hebdingii** by GD Rowley 1994,

(Peperomia) **asperula** [w PC Hutchison] (Peru) 1975,

(Peperomia) **columella** [w PC Hutchison] (Peru) 1973 (disc by PC Hutchison 1963),

(Peperomia) **dolabella** [w MW Kimnach] (Peru) 1987 (disc by MW Kimnach 1984),

(Peperomia) **graveolens** [w WA Barthlott] (Peru) 1975,

(Peperomia) **trollii** [w PC Hutchison] (Peru) 1978 (na W Troll),

(Peperomia) **wolfgang-krahnii** (Peru) 1986 (disc by him & na W Krahn),

(Pfeiffera) **miyagawae** [w WA Barthlot] (La Paz) 1987 (disc by M Miyagawa 1974 & nah),

(Senecio) **meuselii** (Mada) 1971 (disc by him & na H Meusel),

(Uncarina) **roeoesliana** (Mada) 1995 (na W Roosli);

transfer *species*:

"Euphorbia guillemetii" (JD Leandri & E Ursch 1955) —> **Euphorbia beharensis** var **guillemetii** 1999,

"Euphorbia oncoclada" (E Drake del Castillo 1903) —> **Euphorbia leucodendron** ssp **oncoclada** [w DL Koutnik] 1998;

desc *subsp*:

(Aloe prostrata ssp) **pallida** [w RD Mangelsdorff] (Mada) 2000,

(Euphorbia cylindrifolia ssp) **tuberifera** (Mada) 1963;

disc *variety*:

(Aloe rigens var) **mortimeri** [JJ Lavranos] (Yemen) 1964 (desc by JJ Lavranos 1967 & na KV Mortimer),

(Caralluma foulcheri-delboscii var) **greenbergiana** [w JJ Lavranos] (Arabia) 1964 (desc by JJ Lavranos 1967 & na I Greenberg),

(Duvalia sulcata var) **seminuda** [w JJ Lavranos] (Arabia) 1964 (desc by JJ Lavranos 1967),

(Euphorbia cap-saintemariensis var) **tulearensis** (Mada) 1961 (desc by him 1978),

(Monadenium rhizophorum var) **stoloniferum** (Kenya) 1960 (desc by PRO Bally 1961) —> **Monadenium stoloniferum** by S Carter 1987;

desc *variety*:

(Cleistocactus morawetzianus var) **pycnacanthus** [w C Backeberg] (Peru) 1957 (disc by WHH Rauh 1954) —> **Cleistocactus pycnacanthus** by C Backeberg 1966,

(Euphorbia beharensis var) **adpressifolia** (Mada) 1999,

(Euphorbia beharensis var) **squarrosa** (Mada) 1999,

(Euphorbia beharensis var) **truncata** (Mada) 1999,

(Euphorbia cactus var) **tortirama** [w JJ Lavranos] (Yemen) 1967,
(Euphorbia capsaintemariensis var) **tulearensis** (Mada) 1978 (disc in1961) —> **Euphorbia tulearensis** by WHH Rauh 1988,
(Euphorbia decaryi var) **spirosticha** [w G Buchloh] (Mada) 1987,
(Euphorbia francoisii var) **crassicaulis** (Mada) 1997 (disc by him & R Gerold 1993),
(Euphorbia lophogona var) **tenuicaulis** (Mada) 1991,
(Euphorbia milii var) **longifolia** (Mada) 1967,
(Euphorbia milii var) **tenuispina** [w A Razafindratsira] (Mada) 1991,
(Euphorbia moratii var) **multiflora** (Mada) 1991,
(Euphorbia neobosseri var) **itampolensis** (Mada) 1999,
(Euphorbia neohumbertii var) **aureoviridiflora** (Mada) 1993 —> **Euphorbia aureoviridiflora** by WHH Rauh 1993,
(Euphorbia platyclada var) **hardyi** (Mada) 1970 (na DS Hardy),
(Morawetzia doelziana var) **calva** [w C Backeberg] (Peru) 1957 (disc by WHH Rauh 1954) —> **Oreocereus doelzianus** ssp **calvus** by R Mottram 2002,
(Peperomia vestita var) **lindenii** (Bolivia) 1999 (na SL Linden),
(Rauhocereus riosaniensis var) **jaenensis** (Amazonas A, Cajamarca) 1958 (disc by WHH Rauh 1954) —> **Rauhocereus riosaniensis** ssp **jaenensis** by C Ostolaza 1998;
transfer *variety*:
"Euphorbia francoisii var rakotozafyi" (G Cremers 1984) —> **Euphorbia cremersii** var **rakotozafyi** 1995;
desc *forma*:
(Euphorbia cremersii fa) **viridifolia** (Mada) 1991.

Rausch, Rosario (5 Aug 1951–); Argentina; spouse W Rausch;
species nah:
(Lobivia) **rosarioana** (La Rioja) (desc & nah by W Rausch 1979) —> **Echinopsis formosa** ssp **rosarioana** by M Lowry 2002.

Rausch, **Walter** (15 Nov 1928–); {Rausch}; Austrian printer & horticulturist; member of Austrian Cactus Soc 1950; researcher on cacti of S Amer; interested in Echinopsidinae; explored & collected in S Amer 1962~; IOS member 1969; CSSA Fellow award 1985; first spouse Margarethe Rausch (–1972), second spouse R Rausch;
Book [1975] *Lobivia—The Day Flowering Echinopsidinae From a Geographical Distribution Point of View (I, II, III)* Vienna, Austria; Ger/Eng; (in 3 Vols);
Vol 1, 64p w 50 color photos;
Vol 2, 64p w 56 color photos;
Vol 3, 64p w 38 color photos,
[1976] *Verzeichnis der Sammelnummern Erste bis Sechste Sammelreise 1962 bis 1974 Nummer 1 bis 705* Vienna; Ger; 24p,
[1987] *Lobivia '85* Vienna; Ger; 160p w 145 color photos; (supplement to 1975 book);
species nah:
(Lobivia) **walteri** (Salta) (desc & nah by R Kiesling 1976 & disc by R Kiesling & OF Ferrari

1975) —> **Echinopsis walteri** by H von Friedrich & W Glaetzle 1983,
(Lobivia) **walteri** (Salta) (desc & nah by R Keisling 1976) —> **Echinopsis walteri** by H von Friedrich & W Glaetzle 1983;
disc *species*:
(Gymnocalycium) **striglianum** (Mendoza) c1972 (desc by JA Till 1987 & na F Strigl);
desc *species*:
(Acanthocalycium) **ferrarii** (Argentina) 1976 (na OE Ferrari) —> **Echinopsis thionantha** ssp **ferrarii** by M Lowry 2002,
(Gymnocalycium) **albiareolatum** (La Rioja) 1985,
(Gymnocalycium) **ferrarii** (Argentina) 1981 (na OF Ferrari) —> **Gymnocalycium glaucum** ssp **ferrarii** by GJ Charles 2005,
(Gymnocalycium) **kroenleinii** [w OE Ferrari & R Kiesling] (La Rioja) 2000 (disc by OE Ferrari, R Kiesling & W Rausch 1987 & na M Kroenlein),
(Gymnocalycium) **ritterianum** (La Rioja) 1972 (disc by him 1964 & na F Ritter),
(Gymnocalycium) **uebelmannianum** (La Rioja) 1972 (disc by him 1965 & na WJ Uebelmann),
(Lobivia) **kieslingii** (Argentina) 1977 (na R Kiesling) —> **Echinopsis formosa** ssp **kieslingii** by M Lowry 2002,
(Lobivia) **rosarioana** (La Rioja) 1979 (na Rosario Rausch) —> **Echinopsis formosa** ssp **rosarioana** by M Lowry 2002,
(Parodia) **hausteiniana** (Cochabamba) 1970 (na E Haustein),
(Pyrrhocactus) **megliolii** (Argentina) 1974 (na S Meglioli) —> **Eriosyce megliolii** by RM Ferryman 2005,
(Pyrrhocactus) **pachacoensis** (Argentina) 1975 —> **Eriosyce strausiana** ssp **pachacoensis** by RM Ferryman 2003,
(Rebutia) **albipectinata** (Bolivia) 1972 (disc by him),
(Rebutia) **fabrisii** (Jujuy) 1977 (disc by him),
(Rebutia) **heliosa** (Bolivia) 1970 (disc by him),
(Rebutia) **padcayensis** (Salta, Tarija) 1970 (disc by him),
(Rebutia) **tarijensis** (Bolivia) 1975 (disc by him),
(Sulcorebutia) **vasqueziana** (Bolivia) 1970 (na R Vasquez) —> **Rebutia vasqueziana** by DR Hunt 2003,
(Trichocereus) **vasquezii** (Bolivia) 1974 (na R Vasquez) —> **Echinopsis vasquezii** by GD Rowley 1975;
desc *variety*:
(Lobivia huascha var) **robusta** (Argentina) 1986 (disc by him) —> **Echinopsis huascha** ssp **robusta** by M Lowry 2002,
(Lobivia pugionacantha var) **haemantha** (Bolivia) 1986 (disc by him) —> **Echinopsis pugionacantha** ssp **haemantha** by M Lowry 2005.

†**Rauschert**, Stephan (1931–1986); {Rauschert}; Ger botanist;
desc *genera*:
Drosanthemopsis 1982,

Wittiocactus 1982 (syn of Disocactus LINDLEY);
transfer *species*:
"Anisocalyx salarius" (HML Bolus 1958) —> **Drosanthemopsis salaria** 1982.

†**Rautanen**, Martti [Martin] (10 Nov 1845–19 Oct 1926); Finnish missionary; to Namibia 1868–1918; spouse Friederika [Frieda] [née Kleinschmidt] Rautanen (25 Apr 1854–);
***genus* nah:**
Neorautanenia (Ethiopia to RSA) (desc & nah by H Schinz 1899).

Ravenna, Pierfelice [Pedro Felix, Pierre Felice] (1938–); {Ravenna}; Chile botanist;
desc *species*:
(Furcraea) **boliviensis** (Bolivia) 1978,
(Manfreda) **fusca** (Guatemala) 1987 —> **Agave fusca** by J Thiede & U Eggli 2001,
(Rauhia) **decora** (Peru) 1981,
(Rauhia) **staminosa** (Peru) 1978;
transfer *species*:
"Phaedranassa multiflora" (CS Kunth 1850) —> **Rauhia multiflora** 1969.

Rawe, [Rawé,] Rolfe [Rolf] (1938–); {Rawé}; Ger horticulturist to RSA 1958; nursery manager for Bernard Carp, Hout Bay, Cape; later had own nursery at Kommetjie, s of Cape Town; explored in Cape region;
Book [1966] *Cacti in Southern Africa* Cape Town, RSA; Eng; 175p w 98 color illustrations; (also pub in 1966 under alternate title "Cacti in the Southern Hemisphere"),
[1968] *Succ in the Veld* Cape Town; Eng; 104p w 48 color photos;
species nah & Arthur Tischer:
(Conophytum) **arthurolfago** (Richtersveld) (desc by SA Hammer 2002 & disc by FJ Stayner);
disc *species*:
(Conophytum) **rolfii** (Western Cape) 1966 (desc & nah by HW de Boer 1970) —> **Conophytum obcordellum** ssp **rolfii** by SA Hammer 1993,
(Conophytum) **rubrolineatum** (Cape) (desc by him 1971) —> **Conophytum swanepoelianum** ssp **rubrolineatum** by SA Hammer 2002,
(Conophytum) **rugosum** 1967 (desc by SA Hammer 1989),
(Conophytum) **swanepoelianum** (Cape) (desc by him 1971 & na J Swanepoel),
(Conophytum) **vitreopapillum** (Namaq) 1964 (desc by him 1970) —> **Conophytum obscurum** ssp **vitreopapillum** by SA Hammer 1993;
desc *species*:
(Conophytum) **helenae** (Cape) 1971 (disc by P & Helen van Heerde 1937 & na Helen) —> **Conophytum tantillum** ssp **helenae** by SA Hammer 1991,
(Conophytum) **klinghardtense** (Namibia) 1981 (disc by JJ Lavranos & GS Barad 1977),
(Conophytum) **turbiniforme** (Namaq) 1980 (disc by PV Bruyns c1978) —> **Conophytum auriflorum** ssp **turbiniforme** by SA Hammer 1993;
transfer *species*:
"Conophytum wiggettiae" (NE Brown 1926) —> **Conophytum truncatum** var **wiggettiae**

1982;
disc *subsp*:
(Conophytum lithopsoides ssp) **arturolfago** (Cape) (desc by SA Hammer 1993 & na Arthur Tischer & Rolf Rawe);
desc *subsp*:
(Conophytum angelicae ssp) **tetragonum** [w SA Hammer] (Richtersveld, Namaq) 1993 (disc by HA Horn c1966),
(Conophytum hirtum ssp) **baradii** (Namibia) 1981 (disc by JJ Lavranos & GS Barad 1977 & na GS Barad) —> **Conophytum klinghardtense** ssp **baradii** by SA Hammer 1993;
desc *variety*:
(Conophytum edwardsiae var) **albiflorum** (Cape) 1971 (disc by W Wisura c1965) —> **Conophytum albiflorum** by SA Hammer 1993,
(Conophytum hirtum var) **baradii** (Namibia) 1981 (na GS Barad) —> **Conophytum klinghardtense** ssp **baradii** by SA Hammer 1993,
(Conophytum lambertense var) **conspicuum** (RSA) 1970 (disc by him 1968).

Rawlins, ?;
disc *species*:
(Monadenium) **virgatum** [w PJ Greenway] (Kenya) 1957 (desc by PRO Bally 1961).

Rawlinson, Eric; British honorable secretary of Bolton & District Cactus Soc; BSc degree; probable editor of this book;
Book [1950] *C&S Handbook*; 24p; produced by Bolton & District Cactus Soc; (2nd edition 1951; 3rd edition 1953 w 36p).

Rawlinson, SI; RSA collector & grower of succ;
disc *species*:
(Gasteria) **rawlinsonii** (Eastern Cape) 1972 (desc & nah by AA Obermeyer 1976).

†**Ray**, [Rajus, né Wray ≈1670] John (29 Nov 1627–17 Jan 1705); {Ray}; British philosopher, theologian, naturalist, taxonomist, scientist, zoologist, botanist; educated & taught at Trinity College, Cambridge, Eng 1644–62; MA at Trinity College 1651; ordained a priest 1660; explored & collected plants, animals & rocks in Eng & Europe 1662–71; referred to as 'father of British natural history'; founder of plant physiology; pre-Linnaean systematist; classified plants by overall morphology; experimented in embryology & plant physiology; divided plants into non-flowering & flowering types; realized the importance of the inner structure of seeds & was first to differentiate between flowering plant embryos w 2 leaves (dicots) & those w only 1 leaf (monocots); the *Ray Society* founded in London 1844 nah; FRS 1667; spouse Margaret [née Oakley] Ray;
Book [1682] *Methodus Plantarum Nova*; 166p; (plant classification based on flowers, seeds, fruits & roots),
[1686–1704] *Historia Plantarum — General Study of Plants, a classification of over 18,000 species*; a survey of all known succ & first record of a Mamm; (in 3 Vols);

[1686] Vol 1; 983p;
[1688] Vol 2; 961p;
[1704] Vol 3; 666p.

Rayder, Lisa;
Book [1982] *Shifts in the Carbon Metabolism of succ Plants Induced by Water Deprivation* Riverside, Calif; Eng; 151p.

†**Raymond-Hamet**, [né Hamet, Raymond ≈1935] (Dr med) (1890–1972); {Hamet or Raym.-Hamet}; independent well-to-do French physician & botanist in Paris; member of Société Botanique de France 1906; specialize in Crassulaceae (Kalanchoe & Sedum); IOS member 1967;
Book [1907–08] *Monographie du Genre Kalanchoe*; 31p,
[1931–63] *Crassulacearum Icones Selectae* Paris, France; French; 100p; (in 5 parts),
[1964] *Le Genre Kalanchoe au Jardin Botanique "Les Cèdres"* [w JLE Marnier-Lapostolle] Paris; French; 110p + 37 plates w 3 in color;
species nah:
(Sedum) **raymondii** (Yunnan) (desc & nah by HA Froderstrom 1931);
desc *species*:
(Crassula) **aliciae** (China) 1908 (na Alice Rasse) —> **Orostachys aliciae** by H Ohba 1978,
(Kalanchoe) **adelae** (Comoro Islands) 1908 (na Adèle le Chartier),
(Kalanchoe) **beauverdii** (Mada) 1907 (na G Beauverd),
(Kalanchoe) **bergeri** [w JMH Perrier de la Bathie] (Mada) 1914 (na A Berger),
(Kalanchoe) **boisii** [w JMH Perrier de la Bathie] (Mada) 1914 (na (Mr) Bois),
(Kalanchoe) **bouvetii** [w JMH Perrier de la Bathie] (Mada) 1914 (na G Bouvet),
(Kalanchoe) **briquetii** (Mada) 1912 (na JI Briquet),
(Kalanchoe) **chapototii** [w JMH Perrier de la Bathie] (Mada) 1915 (na ? Chapotot),
(Kalanchoe) **craibii** (Thailand) 1914 (na WG Craib),
(Kalanchoe) **daigremontiana** [w JMH Perrier de la Bathie] (Mada) 1914 (na (Mr) & (Mrs) Daigremont),
(Kalanchoe) **dangeardii** (Angola) 1916 (na PAC Dangeard) —> **Kalanchoe velutina** ssp **dangeardii** by RMS Fernandes 1980,
(Kalanchoe) **dixoniana** (Thailand) 1914 (disc by AFG Kerr & na H Dixon),
(Kalanchoe) **fedtschenkoi** [w JMH Perrier de la Bathie] (Mada) 1915 (na BA Fedtschenko),
(Kalanchoe) **fernandesii** (Mozambique) 1950 (na A Fernandes),
(Kalanchoe) **leblanciae** (RSA, Mozambique) 1912 (disc by H-A Junod 1893 & na A Leblanc),
(Kalanchoe) **gastonis-bonnieri** [w JMH Perrier de la Bathie] (Mada) 1912 (na Gaston Bonnier),
(Kalanchoe) **hametiorum** (Mozambique) 1963 (na ancestors of Raymond-Hamet),
(Kalanchoe) **jongmansii** [w JMH Perrier de la Bathie] (Mada) 1914 (na WJ Jongmans),
(Kalanchoe) **lindmanii** (Angola) 1913 (na CAM Lindman),
(Kalanchoe) **luciae** (RSA, Swaziland, Zimbabwe, Mozambique) 1908 (na Lucy Dufour),
(Kalanchoe) **manginii** [w JMH Perrier de la Bathie] (Mada) 1912 (na L Mangin),

(Kalanchoe) **millotii** [w JMH Perrier de la Bathie] (Mada) 1912 (na ? Millot),
(Kalanchoe) **mitejea** [w A Leblanc] (Uganda, Tanzania, Kenya) 1913,
(Kalanchoe) **poincarei** [w JMH Perrier de la Bathie] (Mada) 1913 (na R Poincaré),
(Kalanchoe) **prolifera** (Mada) 1908,
(Kalanchoe) **rolandi-bonapartei** [w JMH Perrier de la Bathie] (Mada) 1912 (na Roland Bonaparte),
(Kalanchoe) **rosei** [w JMH Perrier de la Bathie] (Mada) 1914 (na JN Rose),
(Kalanchoe) **salazarii** (Angola) 1963 (na A de O Salazar),
(Kalanchoe) **usambarensis** [w HGA Engler] (Tanzania) 1913,
(Kalanchoe) **viguieri** [w JMH Perrier de la Bathie] (Mada) 1914 (na R Viguier),
(Kalanchoe) **waldheimii** [w JMH Perrier de la Bathie] (Mada) 1915 (na AAF von Waldheim),
(Sedum) **adolphi** (Veracruz) 1912 (disc by CA Purpus 1907 & na HG Adolf Engler),
(Sedum) **balfourii** (China, Tibet) 1912 (na IB Balfour),
(Sedum) **barbeyi** (China) 1909 (na W Barbey),
(Sedum) **beauverdii** (China) 1909 (na G Beauverd),
(Sedum) **bergeri** (Yunnan) 1909 (na A Berger),
(Sedum) **berillonianum** (Peru) 1913 (disc by A Weberbauer 1910 & na E Berilloni),
(Sedum) **bonnafousii** (China) 1916 (na (Mr) Bonnafous) —> **Hylotelephium bonnafousii** by H Ohba 1977,
(Sedum) **bonnieri** (China) 1913 (na G Bonnier),
(Sedum) **bouvieri** (Nepal) 1916 (na ? Bouvier) —> **Rhodiola himalensis** ssp **bouvieri** by H Ohba 1982,
(Sedum) **brissemoretii** (Madeira Islands) 1925 (na (Mr) Brissemoret),
(Sedum) **candollei** (France, Spain, Portugal) 1929 (na AP de Candolle),
(Sedum) **carnegiei** (Tibet) 1913 (na A Carnegie),
(Sedum) **celiae** (Yunnan) 1913 (na Alice Leblanc),
(Sedum) **chauveaudii** (China, Nepal) 1910 (na GL Chauveaud),
(Sedum) **crassularia** (Ethiopia, Kenya, Tanzania) 1929,
(Sedum) **cretinii** (India, Nepal, Bhutan, Sikkim, Tibet) 1916 (na M Cretin) —> **Rhodiola cretinii** by H Ohba 1976,
(Sedum) **daigremontianum** (China) 1909 (na (Mr) & (Mrs) Daigremont),
(Sedum) **dielsii** (China) 1913 (na FLE Diels),
(Sedum) **dugueyi** (China) 1916 (na A Duguey),
(Sedum) **dyvrandae** (Peru) 1914 (na A Dyvranda) —> **Villadia dyvrandae** by C Baehni & JF Macbride 1937,
(Sedum) **engleri** (China) 1910 (na HGA Engler),
(Sedum) **feddei** (China) 1910 (na FKG Fedde),
(Sedum) **fedtschenkoi** (China) 1914 (na BA Fedtschenko),
(Sedum) **fischeri** (China, India, Sikkim, Bhutan, Tibet) 1914 (na AA Fischer von Waldheim),
(Sedum) **forrestii** (Yunnan) 1912 (na G Forrest),
(Sedum) **gagei** (Nepal, Bhutan, Sikkim, Tibet) 1910 (na AT Gage),
(Sedum) **giajae** (China) 1910 (na J Giaja),
(Sedum) **grandyi** (Amazonas A) 1913 (na AO Grandy),

(Sedum) **heckelii** (Tibet) 1910 (na EM Heckel),
(Sedum) **henrici-robertii** (Tibet, China) 1913 (na Henri-Robert),
(Sedum) **hobsonii** (Bhutan, Sikkim, Tibet) 1913 (na HE Hobson) —> **Rhodiola hobsonii** by SH Fu 1965,
(Sedum) **holei** (India) 1913 (na RS Hole),
(Sedum) **leblanciae** (China) 1910 (na A Leblanc),
(Sedum) **liciae** (Yunnan) 1909 (na Alice Rasse) —> **Rhodiola chrysanthemifolia** ssp **liciae** by H Ohba 1987,
(Sedum) **lutzii** (China) 1913 (na L Lutz),
(Sedum) **magae** (India) 1914 (na Mag F),
(Sedum) **millspaughii** (Guatemala) 1913 (na CF Millspaugh),
(Sedum) **pampaninii** (China) 1913 (na R Pampanini),
(Sedum) **perrotii** (China) 1924 (na EC Perrot),
(Sedum) **prainii** (India, Nepal, Tibet, Sikkim) 1909 (na D Prain) —> **Rhodiola prainii** by H Ohba 1976,
(Sedum) **quevae** (Puebla) 1914 (na C Queva),
(Sedum) **schoenlandii** (China) 1910 (na S Schoenland) —> **Orostachys schoenlandii** by H Ohba 1978,
(Sedum) **seelemannii** (India) 1916 (na M Seelemann),
(Sedum) **smithii** (Nepal, Sikkim, Tibet) 1913 (na WW Smith) —> **Rhodiola smithii** by SH Fu 1965,
(Sedum) **somenii** (Yunnan) 1916 (na H Somen),
(Sedum) **stapfii** (India, Bhutan, Tibet) 1913 (na O Stapf) —> **Rhodiola stapfii** by SH Fu 1965,
(Sedum) **susannae** (China) 1910 (na Suzanne Leschot),
(Sedum) **topsentii** (Arizona) 1914 (na ? Topsent),
(Sedum) **tritelii** (Guatemala) 1913 (na ? Tritel),
(Sedum) **woronowii** (Yunnan) 1910 (na GGN Woronow),
(Sedum) **yvesii** (China) 1910 (na ? Yves);

transfer *species*:
"Bryophyllum rubellum" (JG Baker 1889) —> **Kalanchoe rubella** [w JMH Perrier de la Bathie] 1915,
"Cotyledon mucizonia" (CG de Ortega 1772) —> **Sedum mucizonia** 1929,
"Kitchingia uniflora" (O Stapf 1908) —> **Kalanchoe uniflora** 1910,
"Umbilicus oreades" (J Decaisne 1844) —> **Sedum oreades** 1909;

desc *variety*:
(Sedum adenotrichum var) **viguieri** (Afghanistan, Pakistan into central Asia) 1929 (na R Viguier) —> **Rosularia adenotricha** ssp **viguieri** by C-A Jansson 1970,
(Sedum aliciae var) **komerovii** (China) 1912 (na VL Komarov) —> **Orostachys aliciae** var **komarovii** by H Ohba 1999,
(Sedum indicum var) **forrestii** (Yunnan) 1912 (na G Forrest) —> **Sinocrassula indica** var **forrestii** by SH Fu 1965,
(Sedum indicum var) **serratum** (Yunnan) 1927 —> **Sinocrassula indica** var **serrata** by

SH Fu 1965,

(Sedum yunnanense var) **forrestii** (China) 1912 (na G Forrest) —> **Rhodiola yunnanensis** ssp **forrestii** by H Ohba 1982.

Raynal, [Raynal-Roques,] Aline Marie (1937–); {A.Raynal}; French botanist;
desc *species*:

(Ceropegia) **praetermissa** [w J Raynal] (Senegal, Tanzania) 1967.

†**Raynal**, Jean (1933–1979); {J.Raynal}; French botanist; collected in Dahomey, Ivory Coast, Mali & Senegal;
desc *species*:

(Ceropegia) **praetermissa** [w AM Raynal] (Senegal, Tanzania) 1967,

(Euphorbia) **letestui** (Cameroon, Gabon) 1966 (na GMP Le Testu),

(Senecio) **cedrorum** (Mada) 1968.

Rayzer, Guy; Belgian scientist; to New Mex, US;
Book [1984] *Flowering Cacti: A Colour Guide* NYC; Eng; 184p w 144 color plates; (also translations in Ger, Spanish, French & Italian),

[1984] *Guide des Cactus en Fleurs* Paris, France; 184p.

†**Razafindratsira**, Alfred (–2018); {Raz. or Razaf.};
Mada horticulturist in Antananarivo; collector & owner of succ nursery in Mada; pres of Malagasy Ornamental Plant Soc; specialist in orchids & other plants in Mada; spouse Florence Razafindratsira;
disc *species*:

(Aloe) **alfredii** (Mada) 1987 (desc & nah by WHH Rauh 1990),

(Aloe) **eximia** (Mada) 2003 (desc & nah by JJ Lavranos & TA McCoy 2006),

(Euphorbia) **alfredii** (Mada) (desc & nah by WHH Rauh 1987),

(Pachypodium) **bicolor** (Mada) 1990 (desc by JJ Lavranos & SHJ Rapanarivo 1997) —> **Pachypodium rosulatum** fa **bicolor** by GD Rowley 1998,

(Pachypodium) **inopinatum** (Mada) 1991 (desc by JJ Lavranos 1996) —> **Pachypodium rosulatum** var **inopinatum** by GD Rowley 1998;
desc *species*:

(Euphorbia) **ambovombensis** [w WHH Rauh] (Mada) 1987,

(Euphorbia) **bulbispina** [w WHH Rauh] (Mada) 1991 (disc by A Razafindratsira),

(Euphorbia) **cremersii** [w WHH Rauh] (Mada) 1991 (disc by A Razifindratsira 1987 & na G Cremers),

(Euphorbia) **kondoi** [w WHH Rauh] (Mada) 1989 (disc by A Razafindratsira 1986 & na ? Kondo),

(Lomatophyllum) **propaguliferum** [w WHH Rauh] (Mada) 1998 —> **Aloe propagulifera** by LE Newton & GD Rowley 1998;
desc *variety*:

(Euphorbia milii var) **tenuispina** [w WHH Rauh] (Mada) 1991,

(Sedum linearifolium var) **sacrum** (Nepal, Tibet) 1926 —> **Rhodiola chrysanthemifolia** ssp **sacra** by H Ohba 1980.

Rea, Kenneth H;
Book [1974] *Ecological Characteristics of Walkingstick Cholla* [w RD Pieper & JG Fraser] Las Cruces, New Mex; Eng; 20p; (Opuntia imbricata).

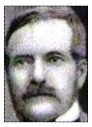
†**Reader**, Felix Maximilian (1850–1911); {Reader}; Ger chemist & botanist to Victoria, Australia;
desc *species*:
(Tillaea) **acuminata** (Australia) 1898 —> **Crassula colorata** var **acuminata** by HR Tolken 1983,
(Tillaea) **exserta** (Australia) 1897 —> **Crassula exserta** by CEH Ostenfeld 1918.

Reading, Susan;
Book [1990] *Desert Plants* Dorking, Eng; Eng; 62p w 53 color photos & 72 color drawings.

Rebman, (Dr) Jon Paul (12 Mar 1965–); {Rebman}; US botanist;
PhD in botany at Arizona State Univ; curator of botany at San Diego Natural History Museum, Calif 1996~; specializes in Opuntioideae of N Amer; explorer in Mex (mostly in Baja Calif 20+ yrs); IOS member 1997; CSSA Fellow award 2011;
Book [1995] *Biosystematics of Opuntia Subgenus Cylindropuntia (Cactaceae), The Chollas of Lower Calif, Mex* Arizona; Eng; 187p; (PhD thesis),
[2012] *Baja California: Plant Field Guide, 3rd edition* [w NC Roberts] San Diego, California; Eng; 488p w many color photos;
desc *species*:
(Cylindropuntia) **delgadilloana** [w DJ Pinkava] (Baja Calif) 2001 (na J Delgadillo & disc by JP Rebman 1994),
(Opuntia) **lindsayi** (Baja Calif) 1997 (disc by JP Rebman et al. 1994 & na GE Lindsay) —> **Cylindropuntia lindsayi** by JP Rebman 2002;
(Opuntia) **sanfelipensis** (Baja Calif) 1999 (disc by him 1994) —> **Cylindropuntia sanfelipensis** by him 2002;
transfer *species*:
"Grusonia santamaria" (EM Baxter 1934) —> **Cylindropuntia santamaria** by 2002;
transfer *subsp*:
"Opuntia acanthocarpa ssp ganderi" (CB Wolf 1938) —> **Cylindropuntia ganderi** [w DJ Pinkava] 2001.

Rebmann, Norbert (22 Mar 1948–); French prof at Univ Institute of Creteil; interested in Aloes & Euphorbias of Mada & Copiapoa; explored in Argentina, Bolivia, Chile, Mex, Mada, Namibia, Oman, Socotra, Yemen & RSA;
disc *species*:
(Aloe) **rebmannii** (Mada) 1993 (desc & nah by JJ Lavranos 2002);

desc *species*:
(Aloe) **eduardii** (Mada) 2008,
(Aloe) **fontainei** (Mada) 2009 (na P Fontaine),
(Aloe) **richaudii** (Mada) 2008 (disc by P Richaud 2001 & nah).



†**Rebut**, Pierre (14 May 1830–1898); {Rebut}; French wine grower & horticulturist; owner of cactus nursery in Chazay d'Azergues, Lyons, France; cactus expert & dealer; friend of FAC Weber;
Book [1896] *Catalogue des Cactees et Plantes Grasses Diverses de la Collection de P. Rebut 1886–1896*;
***genus* nah:**
Rebutia (Bolivia, Argentina) (desc & nah by KM Schumann 1895);
***species* nah:**
(Aloe) **rebutii** (desc & nah by A Berger 1908).

Rechberger, Bruno (fl. 1988); Swiss; succ plant amateur in Zurich, Switzerland; collected w W Roosli in Mada 1988;
***species* nah:**
(Uncarina leandrii var) **rechbergeri** (Mada) (desc & nah by JJ Lavranos 1995).

†**Rechinger**, (Prof) (Dr) Karl Heinz**,** Jr (16 Oct 1906–30 Dec 1998); {Rech. *f.*); Austrian botanist, taxonomist & phytogeographer; PhD in botany at Wien Univ 1931; prof of botany & dir at Natural History Museum, Wien, Austria 1928~; explored in Afphanistan, Pakistan, Iraq, Iran, Greece; spouse Wilhelmina [née Goedemans] Rechinger; editor of monumental work *Flora Iranica*;
Book [1964–74] *Flora des Iranischen Hochlandes und der Umrahmenden Gebirge*;
[1964] #6; *Euphorbiaceae*; 48p,
[1970] #67; *Amaryllidaceae*; 8p,
[1970] #72; *Crassulaceae*; 40p,
[1970] #73; *Asclepiadaceae*, 21p,
[1974] #103; *Apocynaceae*; 11p,
[1970] *Asclepiadaceae*; Eng; 21p; (Vol 73 of *Flora Iranica*).
[1970] *Flora Iranica: Crassulaceae Vol* [w CA Jansson] Graz, Austria; 32p + 8 plates; covers countries Iran, Afghanistan, Pakistan, Iraq, Azerbaidjan & Turkmenistan;
***species* nah:**
(Kalanchoe) **rechingeri** (Mada) (desc & nah by WHH Rauh & R Hebding 1995),
(Othonna) **rechingeri** (Northern Cape) (desc & nah by RB Nordenstam 1971),
(Pelargonium) **caroli-henrici** (Western Cape) (desc & nah by RB Nordenstam 1987),
(Rosularia) **rechingeri** (Turkey) (desc & nah by C-A Jansson 1966) —> **Prometheum rechingeri** by H 't Hart 1995;
disc *species*:
(Sedum) **caroli-henrici** (Turkey) (desc & nah by K Tan 1984).

Reck, KW;
Book [1996] *Tracks and Trails of the Richtersveld* ; 58p.

Reddi, (Dr med) V Bala; East London, RSA physician; explored in RSA;
disc *species*:
(Haworthia) **reddii** (Eastern Cape) (desc & nah by CL Scott 1994) —> **Haworthia cymbiformis** var **reddii** by MB Bayer 1999.

Redding, Frank; US;
Book [1963] *Silly Saguaros* Phoenix, Arizona; Eng; 60p,
[1966] *Some More Silly Saguaros* Phoenix; Eng; 64p.

†**Redoute**, [Redouté,] Pierre Joseph (10 Jul 1759–20 Jun 1840); {Redoute}; Flemish botanical artist; to Paris, France 1782; trained by CL L'Heritier to paint succ 1784~; painter for Marie Antoinette 1787–92; on staff at Muséum Natl d'Histoire Naturell, Paris 1795; under patronage of Joséphine, first spouse of Napoleon Bonaparte 1798–c1809 & then by Marie-Louise, second spouse of N Bonaparte c1810; contributed over 2,100 painted plates of over 1,800 different species, including art work in some of AP de Candolle's books;
spouse Marie-Marthe [née Gobert] Redoute;
Book [1799–1831] artist for *Plantarum Succulentarum Historia —ou Histoire Naturelle des Plantes Grasses* (text by AP de Candolle) Paris, France; French; 3 Vols of 31 parts; 182p w 187 color plates,
[1981] *Kakteen und andere Sukkulenten* Dortmund, West Ger; 177p w 78 color plates made in 1799.

Reese, Robert [**Bob**];
Book [1981] *Lactus Cactus* Chicago, Illinois; Eng; 23p w color cartoons & fiction story.

†**Regel**, (Dr med) [Johann] Albert von (12 Dec 1845–6 Jul 1909); {A.Regel};
Russian physician & botanist in St Petersburg; father EA von Regel;
***species* nah:**
(Sedum) **albertii** (Siberia, Asia, Tibet, Mongolia) (desc & nah by EA von Regel 1879).

†**Regel**, **Eduard** [Édouard] August von (13 Aug 1815–15 Apr 1892); {Regel}; Ger horticulturist, gardener & botanist; worked at bot gardens in Göttingen 1833–37, in Bonn 1837–39, in Berlin 1839–42 & head gardener at Zürich Univ bot garden 1842–55;
PhD at Zürich Univ 1855; scientific dir of Imperial bot garden at St Petersburg, Russia 1857–67 & dir (succeeding ER von Trautvetter) 1875~; founder & editor of journal *Gartenflora, Vols 1–33,* 1852–84; prolific writer & pub numerous papers; son A von Regel;
Book [1846–69] *Sertum Petropolitanum seu icones et Descriptiones Plantarum, quae in Horto Botanico Imperiali Petropolitano Floruerunt* St. Petersburg, Russia; (in 4 Vols);
[1846] Vol 1; 15p; editor FEL Fischer;
[1852] Vol 2; 13p; editors FEL Fischer & CA von Meyer;

[1869] Vols 3&4; 21p; editor EA vol Regel,
[1860] *Catalogus Plantarum quae in Horti Aksakoviano* St. Petersburg; 148p;
***species* nah:**
(Cereus) **regelii** (Argentina) (desc & nah by W Weingart 1910) —> **Harrisia regelii** by FJ Borg 1937;
desc *species*:
(Agave) **pubescens** [w KE Ortgies] (Oaxaca, Morelos, Chiapas) 1874,
(Cereus) **philippii** (Argentina, Chile) 1882 (na RA Phillippi) —> **Austrocactus philippii** by F Buxbaum & F Ritter 1963,
(Crassula) **cooperi** (Northern Cape, Eastern Cape) 1874 (na T Cooper) —> **Crassula exilis** ssp **cooperi** by HR Tolken 1975,
(Crassula) **schmidtii** (Africa) 1886 (na E Schmidt),
(Echinocactus) **conothelos** [w JT Klein] (Tamaulipas, San Luis Potosi, Nuevo Leon) 1860 —> **Thelocactus conothelos** by FM Knuth 1935,
(Mesemb) **abyssinicum** 1873 —> **Delosperma abyssinicum** by MHG Schwantes 1928,
(Mesemb) **tetrasepalum** 1873,
(Oxalis) **ortgiesii** (Peru) 1875 (na KE Ortgies),
(Sedum) **albertii** (Siberia, Asia, Tibet, Mongolia) 1879 (na Albert von Regel),
(Sedum) **kirilowii** (Kazakhstan, Tibet, China) 1858 (na IP Kirilow) —> **Rhodiola kirilowii** by EA von Regel & CJI Maximowicz 1859,
(Sedum) **selskianum** [w RK Maack] (Siberia, Manchuria, Japan) 1861 (na IS Selsky) —> **Phedimus selskianus** by H 't Hart 1995,
(Umbilicus) **glaber** [w E Winkler] (Afghanistan to Turkey & Tadzhikistan) 1879 —> **Rosularia glabra** by A Berger 1930,
(Umbilicus) **semenovii** [w FGT von Herder] (Kazakhstan, China) 1866 (na PP von Semenov) —> **Rhodiola semenovii** by AG Borissova 1939,
(Yucca) **elephantipes** (Chiapas) 1859;
desc *variety*:
(Epiphyllum russellianum var) **gaertneri** (Brazil) 1884 (na KF Gaertner) —> **Hatiora gaertneri** by WA Barthlot 1987.

Regnat, Helmut; Ottobrunn, Ger; collected succ; interested in Crassulaceae;
pub a 7 part survey of new world Crassulaceae in Ger Cactus Soc journal *Kakteen und Andere Sukkulenten* 1992–94; pres of Munich branch of Ger C&SS;
***species* nah:**
(Echeveria) **helmutiana** (Oaxaca) (desc & nah by MW Kimnach 1995).

†**Rehm**, (Dr) Sigmund Eugen Adolf (4 Jan 1911–2001); {S.E.A.Rehm}; Ger plant physiologist; PhD at Munich Univ 1934; to Namibia 1939; plant physiologist at Horticultural Research Institute, Pretoria, RSA; collected in RSA & Namibia 1939–42;
desc *species*:
(Sarcocaulon) **crassicaule** (Northern Cape, Western Cape, Namibia) 1935 —> **Monsonia crassicaulis** by F Albers 1996,

(Sarcocaulon) **flavescens** (Northern Cape, Namibia) 1935 (disc by FS Erni) —> **Monsonia flavescens** by F Albers 1996,

(Sarcocaulon) **inerme** (Namibia) 1935 (disc by R Wettstein 1929) —> **Monsonia inermis** by F Albers 1996.

†**Rehmann**, [Rehman,] (Prof) (Dr) Anton [Antoni]
(13 May 1840–13 Jan 1917); Austrian botanist, geographer & cartographer;
educated at Jageillowian Univ, Cracow [Krakau], Austria [later Poland] w PhD 1864;
explored & collected in Natal & Transvaal 1875–77 & 1879–80; prof of geography at Lwow Univ, Galizia, Austria 1882~; sold his plants to H Schinz 1889;
***species* nah:**

(Aeollanthus) **rehmannii** (Tanzania to Namibia, Mpumalanga, Swaziland, Natal) (desc & nah by RLA Gurke 1896),

(Coccinia) **rehmannii** (Zimbabwe, Botswana, Namibia, RSA) (desc & nah by CA Cogniaux 1895),

(Dioscorea) **rehmannii** (Natal, Free State, Limpopo) (desc & nah by JG Baker 1912) —> **Dioscorea sylvatica** var **rehmannii** by IH Burkill 1952,

(Mesemb) **rehmannii** (Namibia) (desc & nah by H Schinz 1897) —> **Aizoanthemum rehmannii** by HEK Hartmann 2001,

(Plectranthus) **rehmannii** (Natal) (desc & nah by RLA Gurke 1898),

(Plinthus) **rehmannii** (Transvaal) (desc & nah by GAL Schellenberg 1913).

†**Rehnelt**, (Fr) Friedrich (1861–1945); {Rehnelt}; Ger; horticulturist in Giessen, Ger; inspector of bot garden at Univ of Giessen, Fer;
Book [1923] *Die Kakteen Ihre Anzucht und Pflege* Leipzig; Ger; 72; (1931 reprint 112p);
***species* nah:**

(Mesemb) **rehneltianum** (RSA) (desc & nah by A Berger) —> **Hereroa rehneltiana** by MK Dinter & MHG Schwantes 1927.

†**Reiche**, (Prof) (Dr) Karl [Carl] Friedrich [Carlos Federico]
(31 Oct 1860–26 Feb 1929); {Reiche}; Ger botanist & naturalist;
PhD at Leipzig Univ 1885; to Chile 1889; prof at Natl Museum, Santiago, Chile 1896–1911; prof at Institito Medico Nacional, Mex 1911–23;
Book [1907] *Grundzüge der Pflanzenverbreitung in Chile* Leipzig; Ger; 374p,

[1918] *Lecturas Botanicas, una Intro en la Ensenanza de la Bot, Arreglada Para las Escuelas de Mex*; Spanish; 50p;
***genus* nah:**

Reicheocactus (Chile) (desc & nah by C Backeberg 1942) (syn of Echinopsis);
disc *species*:

(Cereus) **iquiquensis** (Chile) 1904 (desc by KM Schumann 1904) —> **Eulychnia iquiquensis** by NL Britton & JN Rose 1920;
transfer *species*:

"Tillaea closiana" (C Gay 1847) —> **Crassula closiana** 1897.

†**Reichenbach**, Frank W (fl. 1896); {F.Rchb. or F.Reichenb.};
Ger engineer & cactus expert; first to use the genus name **Grusonia** in 1896, desc by NL Britton & JN Rose in 1919.

†**Reichenbach**, Friedrich (fl. 1842); Ger engineer; collected in Mex;
***species* nah:**
(Echinocactus) **reichenbachii** (Coahuila, Tamaulipas) (desc & nah by WG Walpers 1843)
—> **Echinocereus reichenbachii** by FA Haage 1959.

†**Reichenbach**, (Dr med) Heinrich Gottlieb **Ludwig**
(8 Jan 1793–17 Mar 1879); {Rchb.}; Ger botanist, zoologist, physician, ornithologist & bot artist; PhD at Univ of Leipzig 1815 & MD 1817; dir of natural history museum & prof at Surgical-Medical Acacemy, Dresden 1820–62; founder & dir of bot garden in Dresden;
desc *genus*:
Tapinanthus (Africa) 1841;
desc *species*:
(Ceropegia) **cancellata** (Eastern Cape) 1830.

Reid, Clare — See Clare **Archer**.

†**Reider**, Jakob Ernst von (19 Apr 1784–Dec 1853); {Reider}; Ger zoologist, botanist, judicial magistrate & horticulturist;
Book [1834] *Die Beschrebung und Kultur der Azaleen, Cactus, Camellien und Calla aethiopica*; Ger; 222p; (1996 reprint of Cactus section w 80p).

†**Reinwardt**, [Reinward,] (Prof) (Dr) Caspar [Kaspar, Casper] Georg [George] Carl [Karl] (3 Jun 1773–6 Mar 1854); Dutch scientist, naturalist & botanist; prof of natural history at Harderwijk, Netherlands 1801–08; prof of chemistry, pharmacy & natural history at Amsterdam Univ, Netherlands 1810–15; collected in Cape region 1816 on way to East Indies; founder (in 1817) & first dir of Bogor (Kebun Raya—Great Garden) bot garden in Bogor, Indonesia; prof of botany & natural philosophy at Leiden Univ, Netherlands 1823–45;
***species* nah:**
(Haworthia) **reinwardtii** (RSA) (desc & nah by AH Haworth 1821);
disc *species*:
(Aloe) **reinwardtii** (Eastern Cape) 1816 (desc & nah by JFM Salm-Dyck 1821)
—> **Haworthia reinwardtii** by AH Haworth 1821.

†**Reitz**, FW;
***species* nah:**
(Aloe) **reitzii** (Mpumalanga) (desc & nah by GW Reynolds 1937).

†**Reitz**, Raulino (19 Sep 1919–19 Nov 1990); {Reitz}; Brazilian priest & botanist;
founded herbário Barbosa Rodrigues 1942; founded & pub *Sellowia* magazine 1949;
dir of bot garden at Rio de Janeiro, Brazil 1971–75; dir of Foundation of Environment 1976–83;
Book [1986] *Flora Illustratedtrada Catarinense—Part 1: as Plantas, Cactaceas*; Spanish; 384p.

†**Reko**, (Dr med) Blas [Blasius]Pablo [Paul] (1876–1953); Austria to Mex;
MD in Austria; physician & amateur botanist; collected in Mex; interested in mushrooms;
disc *species*:
(Neomammillaria) **rekoi** (Oaxaca) 1921 (desc & nah by NL Britton & JN Rose 1923)
—> **Mamm rekoi** by FKJ Vaupel 1925.

†**Remark**, Ferdinand;
Book [1890] *Der Kakteenfreund* Minden, Ger; 32p.

†**Remy**, [Rémy, Rémy Ezechiel,] Jules (2 Sep 1826–Dec 1893); {J.Rémy}; French botanist, naturalist & ethnologist; collected in S Amer — Peru, Ecuador & other countries;
disc *species*:
(Brighamia) **insignis** (Hawaii Islands) c1853 (desc by A Gray 1867).

†**Rendall**, (Dr) P; sent plants to NE Brown at Kew;
disc *species*:
(Ceropegia) **rendallii** (Zimbabwe, Limpopo, Natal) c1893 (desc by NE Brown 1894).

†**Rendle**, (Dr) Alfred Barton (19 Jan 1865–11 Jan 1938); {Rendle}; British botanist; DSc at London Univ 1898; keeper of bot dept of British Museum of Natural History 1888–1930; FLS 1888 & pres 1923–27; FRS 1909; member on committee for International Rules of Bot Nomenclature 1905–35; VMH 1917;
Book [1899] *Catalogue of the African Plants collected by Dr. Friedruch Welwitsch in 1853-61:* London, Eng; Eng;
Vol 2, Part 1; *Monocotyledon & Gymnosperms*; 260p;
Vol 2, Part 2; *Cryptogamia*; 305p,
[1910–36] *Flora of Jamaica* [w W Fawcett] London, Eng; Eng; in 5 Vols;
[1910] Vol 1; Orchidaceae; 150p;
[1914] Vol 3, Part 1; Dicotyledons; 280p;
[1920] Vol 4, Part 2; Dicotyledons; 369p; (includes Euphorbiaceae; 100p);
[1926] Vol 5, Part 3; Dicotyledons; 453p; (includes Cactaceae; 15p);
[1936] Vol 7, Part 5; Dicotyledons; 303p; (authors S Moore, S Le Marchant & AB Rendle);
(Vols 2 & 6 never pub after AB Rendle's death in 1938);
desc *genus*:
Odontostelma (Angola, Zimbabwe) 1894;
desc *species*:

(Aloe) **rabaiensis** (Kenya, Tanzania, Somalia) 1895 (disc by WE Taylor 1885),
(Aloe) **rodesiana** (Southern Rhodesia, Mozambique) 1911 (na country Rhodesia) (disc by CFM Swynnerton 1908),
(Aloe) **swynnertoni** (Southern Rhodesia, Limpopo) 1911 (disc by CFM Swynnerton 1907 & nah),
(Aloe) **wollastonii** (Kenya, Tanzania, Uganda, Zaire) 1918 (disc by AFR Wollaston & nah) —> **Aloe macrocarpa** ssp **wollastonii** by E Wabuyele 2006,
(Euphorbia) **tetracantha** (Ethiopia) 1896,
(Ipomoea) **ommanneyi** (Botswana, Zimbabwe, Limpopo, Northern Cape, North-West, Gauteng) 1902 (na HT Ommanney),
(Ipomoea) **robertsiana** (Northern Prov, Mpumalanga) 1901 —> **Turbina robertsiana** by ADJ Meeuse 1957,
(Lortia) **erubescens** (Somalia, Ethiopia) 1898 (disc by LJ Lort-Phillips 1894) —> **Monadenium erubescens** by NE Brown 1911,
(Odontostelma) **welwitschii** (Angola, Zimbabwe) 1894,
(Raphionacme) **loandae** [w FRR Schlechter] (Angola) 1898,
(Raphionacme) **welwitschii** [w FRR Schlechter] (Angola, Malawi, Tanzania, Kenya) 1896,
(Schizoglossum) **nyasae** [w J Britten] (Zimbabwe, Malawi, Mozambique) 1894 —> **Aspidoglossum nyasae** by FJ Kupicha 1984,
(Stathmostelma) **welwitschii** [w J Britten] (Zaire, Tanzania, Zambia, Uganda, Sudan, Angola) 1894 (na FMJ Welwitsch);
transfer *species*:
"Kosaria tropaeolifolia" (GA Schweinfurth 1868 —> **Dorstenia barnimiana** var **tropaeolifolia** 1916;
desc *varitey*:
(Dorstenia buchananii var) **longipedunculata** (Mozambique, Tanzania, Malawi, Zambia) 1915.

†**Renney**, Charles **Arnold** (1925–20 Jul 2010); Eng to Nairobi, Kenya 1955~; MA at Oxford, Eng; chartered secretary at Deloitte Haskins & Sells in Nairobi 1963–92; collected succ in Kenya & surrounding countries;
disc *species*:
(Monadenium) **renneyi** (Kenya) (desc & nah by S Carter 1987).

Rensburg, (Mr) AD van;
***species* nah:**
(Echinus) **vanrensburgii** (Western Cape) (desc & nah by HML Bolus 1954) —> **Braunsia vanrensburgii** by HML Bolus 1967,
(Prenia) **vanrensburgii** (Cape) (desc & nah by HML Bolus 1954).

Repka, [Řepka,] Radomír; Czech Rep; Dept of Forest Botany, Dendrology & Geobiocenology, Mendel Univ Brno, Czech Rep;
desc *species*:

(Escobaria) **abdita** [w Z Vasko] (Coahuila) 2011,
(Gymnocalycium) **affine** (Cordoba) 2010 (disc by him 2007).

†**Reppenhagen**, Werner (24 Oct 1911–12 Nov 1996); {Repp.};
Ger horticulturist; studied horticulture at Technical College in Hamburg;
owner of cactus nursery in Austria 1948~; interested in Mamm; collected in Mex in over 25 expeditions to study Mamm species 1959~; IOS member 1978;

Book [1979] *Feldnummern-verzeichnis W. Reppenhagen 1959–79 (Mamm)*; 110p,
[1985] *Feldnummern-Verzeichnis W. Reppenhagen 1959–84 (Mamm)* Osnabruck, Austria; Ger; 120p,
[1987] *Die Gattung Mamm, nach dem Heutigen Stand Meines Wissens* Osnabruck; Ger; 223p w 68 color photos,
[1991–92] *Die Gattung Mamm (Monographie)* Titisee-Neustadt; Ger; (in 2 Vols);
[1991] Vol 1, 363p w 154 color photos;
[1992] Vol 2, 447p w 215 color photos;
(Eng translation in 2004);

***species* nah:**
(Ferocactus) **reppenhagenii** (Michoacan, Colima) (desc & nah by G Unger 1974) —> **Ferocactus alamosanus** ssp **reppenhagenii** by NP Taylor 1998;

disc *species*:
(Mamm) **reppenhagenii** (Colima) 1972 (desc & nah by DR Hunt 1977) —> **Mamm albilanata** ssp **reppenhagenii** by DR Hunt 1997,
(Mamm) **tonalensis** (Oaxaca) 1974 (desc by DR Hunt 1979);

desc *species*:
(Mamm) **apamensis** (Hidalgo) 1987 (disc by him 1974) —> **Mamm wiesingeri** ssp **apamensis** by DR Hunt 1997,
(Mamm) **bambusiphila** (Michoacan) 1986 (disc by him) —> **Mamm xaltianguensis** ssp **bambusiphila** by DR Hunt 1997,
(Mamm) **centralifera** (Tamaulipas, Queretaro, San Luis Potosi) 1987 (disc by him 1976) —> **Mamm compressa** ssp **centralifera** by DR Hunt 1997,
(Mamm) **limonensis** (Guanajuato, Jalisco) 1985 (disc by him 1980) —> **Mamm fittkaui** ssp **limonensis** by JM Luthy 1995,
(Mamm) **rubrograndis** [w AB Lau] (Tamaulipas) 1979 (disc by AB Lau 1976) —> **Mamm melanocentra** ssp **rubrograndis** by DR Hunt 1997,
(Mamm) **tlalocii** (Oaxaca) 1987 (disc by him 1974) —> **Mamm crucigera** ssp **tlalocii** by DR Hunt 1997,
(Mamm) **zublerae** (Tamaulipas) 1987 (disc by R Zubler 1981 & nah);

disc *subsp*:
(Mamm albilanata ssp) **oaxacana** (Oaxaca) 1980 (desc by DR Hunt 1997),
(Mamm rhodantha ssp) **mccartenii** (Michoacan) 1973 (desc by DR Hunt 1997 & na N McCarten),
(Mamm spinosissima ssp) **tepoxtlana** (Morales) 1973 (desc by DR Hunt 1997),
(Mamm winterae ssp) **aramberri** (Nuevo Leon) 1981 (desc by DR Hunt 1997).

†**Resende**, (Prof) (Dr) Flávio Ferreira Pinto de (28 Feb 1907–1 Jan 1967); {Resende}; Portuguese botanist, cytogeneticist; PhD at Univ of Hamburg, Ger 1939; prof of botany & curator of Museu Laboratório e Jardin Botânico at Univ of Lisbon, Portugal 1944~; studied cytology & physiology of Alooideae; wrote numerous journal papers 1936–61;
Book [1942] *Suculentas Africanas III*; Coimbra, Portugal; Portuguese; 119p w 40 plates;
species **nah:**
(Haworthia) **resendeana** (RSA) (desc & nah by JKL von Poellnitz 1938);
desc *species*:
(Haworthia) **broteriana** 1941 (na ?Brotero),
(Haworthia) **lisbonensis** 1946,
(Haworthia) **sampaiana** 1940 (na G Sampaio);
desc *variety*:
(Haworthia coarctata var) **krausii** (RSA) 1943 (na ? Krause),
(Haworthia planifolia var) **poellnitzeana** (RSA) 1940 (na JKL von Poellnitz).

Resner, V;
Book [1962] *Kleistokaktusy* Ziva; 140p.

Retief, (Dr) Elizabeth (11 Oct 1947–); {Retief}; RSA research assistant; PhD at Pretoria Univ, RSA 2004; worked at Bot Research Institute in National Herbarium, Pretoria, RSA 1970~;
desc *species*:
(Cyphostemma) **hardyi** (Northern Prov) 1981 (na DS Hardy) ,
(Cyphostemma) **rubroglandulosum** [w AE van Wyk] (Natal) 1996,
(Raphionacme) **dyeri** [w HJT Venter] (Free State) 1983 (na RA Dyer).

Retief, Jacobus A;
Book [1997] *List of Southern African Succ Plants* [w EJ van Jaarsveld, TH Arnold, FE Steffens, RD Dixon, GF Smith] Pretoria; Eng; 175p; (editors of).

†**Rettig**, Carl (1866–1933); Ger horticulturist & amateur hybridizer;
supplied plants to W Weingart;
species **nah:**
(Mamm) **rettigiana** (Hidalgo, Guanajuato) (desc & nah by F Boedeker 1930).

†**Reuter**, George François (30 Nov 1805–23 May 1872); {Reut.};
Swiss botanist; curator at de Condolle herbarium & at Boissier herbarium;
desc *species*:
(Umbilicus) **haussknechtii** [w PE Boissier] (Turkey) 1872 (na HC Haussknecht)
—> **Rosularia haussknechtii** by A Berger 1930,
(Sedum) **gypsicola** [w PE Boissier] (Spain, Sicily, Morocco, Algeria) 1842,
(Sedum) **pedicellatum** [w PE Boissier] (Spain, Portugal) 1842.

Reveal, James Lauritz (1941–); {Reveal}; US botanist; prof of botany at Univ of Maryland; collected in Mex 1971~;
transfer *species*:
"Yucca intermedia" (SMA McKelvey 1947) —> **Yucca baileyi** var **intermedia** 1977,
"Yucca kanabensis" (SMA McKelvey 1947) —> **Yucca angustissima** var **kanabensis** 1977,
"Yucca neomexicana" (EO Wooton & PC Standley 1913) —> **Yucca harrimaniae** var **neomexicana** 1977,
"Yucca utahensis" (SMA McKelvey 1947) —> **Agave elata** var **utahensis** 1977,
"Yucca verdiensis" (SMA McKelvey 1947) —> **Agave elata** var **verdiensis** 1977,
"Yucca toftiae" (SL Welsh 1975) —> **Yucca angustissima** var **toftiae** 1977;
desc *variety*:
(Yucca angustissima var) **avia** (Utah) 1977.

†**Reverchon**, Julien (3 Aug 1837–30 Dec 1905); {J.Rev.}; French botanist & naturalist to Texas 1856; collected in Texas & n Mex; sent specimens to USDA & Smithsonian Institution; prof of botany at Baylor Univ College of Medicine & Pharmacy, Dallas, Texas 1895~; *Reverchon Park* in Dallas, Texas nah;
spouse Marie [née Henri] Reverchon;
disc *species*:
(Yucca) **reverchonii** (Texas, Coahuila) (desc & nah by SMA McKelvey 1947).

Reyes-Santiago, [Reyes,] Jerónimo; {J Reyes}; Mex botanist; pres of Mex Cactus Soc 1977~; editor of *Cactaceas y Suculentas Mexicanas* journal 1997~;
Book [2004] *Cactáceas Y Otras Plantas Nativas de la Cañada Cuicatián, Oaxaca* = "Cacti & other Plants of La Cañada, Cuicatlán, Oaxaca" [w J Perez Crisanto, C Brachet & A Gutierrez de la Rosa] Mex; Spanish; 196p w 542 color photos;
desc *species*:
(Echeveria) **cuicatecana** [w C Brachet & J Pérez] (Oaxaca) 2004 —> **Pachyphytum cuicatecanum** by MW Kimnach 2010,
(Echeveria) **juliana** [w O Gonzalez-Zorzano & M Kristen] (Sinaloa) 2012 (disc by J Etter & M Kristen 2010 & na Julia Etter),
(Sedum) **brachetii** [w M de LA Isla-Luna & O Gonzalez-Zorzano] (Guerrero) 2012 (disc by J Reyes-Santiago, C Brachet & M de LA Isla-Luna 2011 & na C Brachet),
(Sedum) **kristenii** [w J Etter & O Gonzalez-Zorzano] (Durango) 2012 (disc by M Kristen & nah),
(Sedum) **salazarii** [w O Gonzalez Zorzano] (Guerrero) 2011 (disc by GA Salazar, C Granados & D Burguete 2006 & na GA Salazar),
(Thompsonella) **mixtecana** [w LG Lopez] (Oaxaca) 1998 (disc by J Reyes 1997).

Reyneke, Wm Frederick (19 Jul 1945–); {Reyneke}; RSA botanist; MSc at Pretoria Univ 1971; lecturer in botany at Pretoria Univ 1969~; interested in morphology & cytotaxonomy;

desc *variety*:
(Cussonia paniculata var) **sinuata** [w PDF Kok] (Free State, Natal, Gauteng) 1987.

†**Reynolds**, (Dr hc) **Gilbert** Westacott (10 Oct 1895–7 Apr 1967); {Reynolds}; Australia to Johannesburg, RSA 1902 & optometrist 1917–60; to Swaziland 1960~; explored & collected in Africa & Mada 1930~; dedicated to study of Aloes; wrote many journal articles 1934–65; friend of HB Christian; CSSA Fellow award 1941; honorary doctorate from Cape Town Univ, RSA 1952; collected w PRO Bally 1952–53, NR Smuts 1958–59 & RWJ Keay 1960; FLS 1951; Bolus Medal award by Bot Soc of S Africa 1966; spouse Kathleen Reynolds;
Book [1939] *Succ for the Amateur* [w JR Brown, AC White & BL Sloane & edited by SE Haselton] Pasadena, Calif; Eng; 172p,
[1950] *The Aloes of S Africa* Johannesburg, RSA; Eng; 520p w 77 color plates; (in 2 parts) (rev &/or augmented in 1969, 1974 & 1982),
[1954] *The Aloes of Nyasaland* Blantyre, Malawi; Eng; 54p,
[1958] *Les Aloes de Madagascar* Tananarive, Mada; French; 156p,
[1966] *The Aloes of Tropical Africa & Mada* Mbabane, Swaziland; Eng; 537p w 106 color plates; (includes species in Africa, Arabia, Socotra & Mada);
***species* nah:**
(Aloe) **reynoldsii** (Eastern Cape) (desc & nah by CL Letty 1934),
(Delosperma) **reynoldsii** (Free State) (desc & nah by MG Lavis 1967);
desc *species*:
(Aloe) **adigratana** (Ethiopia) 1957 (disc by him 1956),
(Aloe) **amudatensis** (Kenya, Uganda) 1956,
(Aloe) **arenicola** (Northern Cape, Western Cape) 1938 (disc by NS Pillans 1924),
(Aloe) **ballii** (Mozambique, Zimbabwe) 1964 (disc by JS Ball 1962 & nah),
(Aloe) **ballyi** (Kenya, Tanzania) 1953 (disc by PRO Bally 1934 & nah),
(Aloe) **bellatula** (Mada) 1956 (disc by J Millot 1949),
(Aloe) **breviscapa** [w PRO Bally] (Somalia) 1958 (disc by PRO Bally 1956),
(Aloe) **bukobana** (Tanzania) 1955,
(Aloe) **bullockii** (Tanzania) 1961 (disc by AA Bullock 1950),
(Aloe) **burgersfortensis** (Mpumalanga) 1936,
(Aloe) **calcairophila** (Mada) 1961 (disc by BM Descoings 1957),
(Aloe) **calidophila** (Kenya, Ethiopia) 1954 (disc by him 1953),
(Aloe) **catengiana** (Angola) 1961,
(Aloe) **christianii** (Angola, Malawi, Mozambique, Tanzania, Zaire, Zambia, Zimbabwe) 1936 (na HB Christian),
(Aloe) **classenii** 1965 (disc by GA Classen & nah),
(Aloe) **comptonii** (Western Cape, Eastern Cape) 1950 (na RH Compton) —> **Aloe mitriformis** ssp **comptonii** by BJM Zonneveld 2002,
(Aloe) **cremnophila** [w PRO Bally] (Somalia) 1961 (disc by PRO Bally 1956),
(Aloe) **cryptoflora** (Mada) 1965 (disc by G Fievet ≈1965),
(Aloe) **decurva** (Mozambique) 1957 (disc by RC Munch 1949),

(Aloe) **descoingsii** (Mada) 1958 (disc by BM Descoings 1956 & nah),
(Aloe) **dewetii** (Natal, Mpumalanga, Swaziland) 1937 (na JF de Wet),
(Aloe) **dominella** (Natal) 1938,
(Aloe) **eminens** [w PRO Bally] (Somalia) 1958,
(Aloe) **fievetii** (Mada) 1965 (disc by G Fievet 1965 & nah),
(Aloe) **gerstneri** (Natal) 1937 (disc by J Gerstner 1931 & nah),
(Aloe) **gossweileri** (Angola) 1962 (disc by J Gossweiler 1930 & nah),
(Aloe) **gracilicaulis** [w PRO Bally] (Somalia) 1958,
(Aloe) **graminicola** (Ethiopia, Kenya) 1953 (disc by him) —> **Aloe lateritia** var **graminicola** by S Carter 1994,
(Aloe) **grata** (Angola) 1960,
(Aloe) **guerrae** (Angola) 1960 (disc by G Guerra 1952 & nah),
(Aloe) **harlana** (Ethiopia) 1957 (disc by him 1956),
(Aloe) **hazeliana** (Mozambique, Zimbabwe) 1959 (disc by Hazel Munch 1945 & nah),
(Aloe) **hemmingii** [w PRO Bally] (Somalia) 1964 (disc by PRO Bally 1949 & na CF Hemming),
(Aloe) **hendrickxii** (Zaire) 1955 (disc by FL Hendrickx 1951 & nah),
(Aloe) **howmanii** (Zimbabwe) 1961 (disc by HRG Howman 1941 & nah),
(Aloe) **imalotensis** (Mada) 1957 (disc by JMH Perrier de la Bathie 1910),
(Aloe) **integra** (Swaziland, Mpumalanga) 1936,
(Aloe) **itremensis** (Mada) 1955 (disc by him 1955),
(Aloe) **jacksonii** (Ethiopia) 1955 (disc by THE Jackson 1943 & nah),
(Aloe) **jucunda** (Somalia) 1953,
(Aloe) **kedongensis** (Kenya) 1953 (disc by PJ Greenway 1946),
(Aloe) **keithii** (Swaziland) 1937 (disc by DR Keith & nah),
(Aloe) **lavranosii** (Yemen) 1964 (disc by JJ Lavranos 1962 & nah),
(Aloe) **leachii** (Tanzania) 1965 (na LC Leach),
(Aloe) **lettyae** (Limpopo) 1937 (disc by CL Letty & nah),
(Aloe) **macleayi** (Sudan) 1955 (disc by KNG Macleay 1947 & nah),
(Aloe) **massawana** (Tanzania) 1959 (disc by HB Gilliland 1952),
(Aloe) **medishiana** [w PRO Bally] (Somalia) 1958 (disc by PRO Bally 1954),
(Aloe) **mendesii** (Angola, Namibia) 1964 (disc by EJS Mendes 1956 & nah),
(Aloe) **millotii** (Mada) 1956 (disc by J-H Humbert 1947 & na J Millot),
(Aloe) **modesta** (Mpumalanga) 1956 (disc by JF de Wet 1955),
(Aloe) **monticola** (Ethiopia) 1957,
(Aloe) **mudenensis** (Natal) 1937,
(Aloe) **musapana** (Zimbabwe) 1964 (disc by EJ Bullock 1960),
(Aloe) **perrieri** (Mada) 1956 (na JMH Perrier de la Bathie),
(Aloe) **plowesii** (Mozambique) 1964 (disc by DCH Plowes 1950 & nah),
(Aloe) **pruinosa** (Natal) 1936,
(Aloe) **pubescens** (Ethiopia) 1957,
(Aloe) **rauhii** (Mada) 1963 (disc by WHH Rauh 1961 & nah),
(Aloe) **reitzii** (Mpumalanga) 1937 (na FW Reitz),

(Aloe) **retrospiciens** [w PRO Bally] (Somalia) 1958 (disc by GW Reynolds 1957),
(Aloe) **richardsiae** (Tanzania) 1964 (na HM Richards),
(Aloe) **rigens** [w PRO Bally] (Somalia) 1958,
(Aloe) **rupicola** (Angola) 1960 (disc by him 1958),
(Aloe) **schelpei** (Ethiopia) 1961 (disc by EAC Schelpe 1952 & nah),
(Aloe) **scobinifolia** [w PRO Bally] (Somalia) 1958,
(Aloe) **sinana** (Ethiopia) 1957 (disc by him 1956),
(Aloe) **sinkatana** (Sudan) 1957 (disc by GA Schweinfurth 1868),
(Aloe) **suffulta** (Mozambique,Natal) 1937 (disc by CW Foster 1934),
(Aloe) **tororoana** (Uganda) 1953 (disc by H Dawkins 1946),
(Aloe) **ukambensis** (Kenya) 1956 (disc by PRO Bally 1952),
(Aloe) **umfoloziensis** (Natal) 1937,
(Aloe) **vandermerwei** (Limpopo) 1950 (disc by FZ van der Merwe & nah),
(Aloe) **veseyi** (Tanzania, Zambia) 1959 (disc by LDE Vesey-FitzGerald 1957 & nah),
(Aloe) **viridiflora** (Namibia) 1937 (disc by W Triebner 1932),
(Aloe) **vogtsii** (Limpopo) 1936 (disc by LR Vogts & nah),
(Aloe) **vossii** (Limpopo) 1936 (disc by H Voss 1930 & nah),
(Aloe) **wilsonii** (Kenya, Uganda) 1956 (disc by JG Wilson 1955 & nah),
(Aloe) **wrefordii** (Kenya, Sudan, Uganda) 1956 (disc by H Wreford-Smith & nah),
(Aloe) **yavellana** (Ethiopia) 1954 (disc by him 1953),
(Lepaloe) **saundersiae** (Natal) 1936 (disc by K Saunders 1931 & nah) —> **Aloe saundersiae** by GW Reynolds 1947;

transfer *species*:
"Aloe muirii" (HWR Marloth 1929) —> **Aloe lineata** var **muirii** 1950,
"Leptaloe albida" (O Stapf 1933) —> **Aloe albida** 1947,
"Leptaloe blyderivierensis" (BH Groenewald 1938) —> **Aloe minima** var **blyderivierensis** 1947;

disc *subsp*:
(Aloe conifera ssp) **pervagata** (Mada) 1955 (desc by J-B Castillon 2013);

desc *variety*:
(Aloe acutissima var) **antanimorensis** (Mada) 1956 (disc by him 1955),
(Aloe bulbillifera var) **paulianae** (Mada) 1956 (disc by L Paulian 1955 & nah),
(Aloe broomii var) **tarkaensis** (Eastern Cape) 1936,
(Aloe cameronii var) **bondana** (Zimbabwe) 1966,
(Aloe cameronii var) **dedzana** (Malawi, Mozambique) 1965,
(Aloe marlothii var) **bicolor** (RSA) 1936,
(Aloe rigens var) **glabrescens** [w PRO Bally] (Somalia) 1958 —> **Aloe glabrescens** by S Carter & PE Brandham 1983,
(Aloe schweinfurthii var) **labworana** (Sudan, Uganda) 1956 —> **Aloe labworana** by S Carter 1994,
(Aloe somaliensis var) **marmorata** [w PRO Bally] (Somalia) 1964,
(Aloe striatula var) **caesia** (Eastern Cape) 1936,
(Aloe torrei var) **wildii** (Zimbabwe) 1961 (disc by H Wild 1950) —> **Aloe wildii** by

GW Reynolds 1964;
transfer *variety*:
"Aloe capitata var trachyticola" (JMH Perrier de la Bathie 1926) —> **Aloe trachyticola** 1957,
"Aloe vaotsohy var rosea" (R Decary 1921) —> **Aloe divaricata** var **rosea** 1958.

†**Reynolds**, Thomas [**Tom**] (1933–11 Jun 2015); Eng biochemist; MSc in biochemistry at Imperial College, London, Eng 1956; biochemist at Jodrell Laboratory, Kew 1965~; worked on chemistry of Aloaceae;
Book [1987] *The Euphorbiales (Chemistry, Taxonomy & Economic Botany)* [w SL Jury, DF Cutler & FJ Evans] London, Eng; Eng; 326p,
[2004] *Aloes: The Genus Aloe* Boca Raton, Florida; Eng; 386p; (editor of); desc medicinal applications & commercial uses of Aloes w various authors in 22 chapters.

Rezai, Chrisilla;
Book [1993] *The Rhipsalis: An Introduction*; 58p w 57 color photos & 37 b/w linedrawings by Constance Cole.

†**Rheede tot Draakestein**, **[**Reede tot Draakestein, [Rheedius a Draakensteen, Draakensteen, Drakestein, Drakenstein, Hendrik Adriaan van (1637–1691); Dutch colonial administrator & botanist; governor of Cochin (Malabar) on narrow coastal plain along Arabian Sea in sw India 1669–76; commissioner w Dutch East India Company 1684 in India; he authorized S van der Stel to take 1685–86 expedition to explore rich flora of the Cape;
Book [1678–93] *Hortus Indicus Malabaricus* Amsterdam, Netherlands; Latin; 1,595p w 742 desc & illustrations of plants & 793 double-folio plates; (in 12 Vols); possibly the first book to describe a succ Euphorbia from s Africa, E. tirucalli; (2003 annotated Eng edition in 12 Vols; took KS Manilal of India over 30 yrs to translate; 2,400p w 794 plates).

Ricanek, [Řičánek,] Miroslav (1967–); {Ricanek}; Czech Rep; explored in India 1994–95, Yemen 1996–97, Iran 1999, RSA & Socotra;
desc *species*:
(Rhytidocaulon) **ciliatum** [w P Hanacek] (Yemen) 2000 (disc by them).

†**Ricardi**, [Ricardi Salinas,] Mario (30 Nov 1921–18 Apr 2005); {Ricardi}; Chilean pharmacist & botanist; studied chemistry & pharmacy at Univ of Conception, Chile 1945; dir of dept of botany 1960 & of central institute of botany 1968 at Univ of Conception; editor of Geyana Magazine 1961; to Venezuela 1973;
transfer *species*:
"Polyachyrus multifidus" (D Don 1832) —> **Polyachyrus poeppigii** var **multifidus** [w E Weldt] 1974.

†**Riccobono**, Vincenzo (1861–1943); {Ricc. or Riccob.}; Italian gardener & botanist in Palermo around 1900;

desc *genera*:
Borzicactus (Ecuador, Peru, Bolivia) 1909 (na A Borzi) (syn of Cleistocactus LEMAIRE),
Eriocereus (Brazil, Uruguay, Paraguay, Argentina, Bolivia) 1909 (syn of Harrisia BRITTON),
Oreocereus (Peru, Bolivia, Chile, Argentina) 1909,
Piptanthocereus 1909 (syn of Cereus MILLER),
Stenocereus (Mex, Netherlands Antilles, Columbia, Costa Rica, Cuba, Dominican Rep, Guatemala, Honduras, Haiti, Jamaica, Nicaragua, Puerto Rico, El Salvador, Trinidad, Tobago, Venezuela, US) 1909,
Trichocereus (Ecuador to Chile, Argentina) 1909 (syn of Echinopsis ZUCCARINI);
transfer *species*:
"Cereus stellatus" (LKG Pfeiffer 1836) —> **Stenocereus stellatus** 1909,
"Pilocereus celsianus" (JMF Salm-Dyck 1850) to **Oreocereus celsianus** 1909.

†**Rice**, [née Garrett,] Elsie (25 Nov 1869–27 Apr 1959); British bot artist; studied at Slade School of Art, London; to Cape Town, RSA 1933; spouse Charles Rice;
Book [1950] *Wild Flowers of the Cape of Good Hope* Kirstenbosch, RSA; 24p w 250 color plates; (text by RH Compton),
[1955] illustrations in *Common S African Succ* by H Hall, Cape Town.

Rice, [née Williams] Laura; spouse Robert P Rice, Jr;
Book [1976] *C&S for Modern Living* Kalamazoo, Michigan; Eng; 80p w 146 color photos; (reprint 1991).

†**Rich**, **Robert**; government sheep inspector;
disc *variety*:
(Caralluma hottentotorum var) **major** (Namaq) c1900 (desc by NE Brown 1909).

†**Richard**, (Prof) (Dr med) **Archille** (27 Apr 1794–5 Oct 1852); {A.Rich.}; French physician & botanist; MD at Paris Univ 1820; worked at Muséum d'Histoire Naturelle 1817–31; prof of botany at Paris Faculte de Médecine 1831~;
desc *species*:
(Aeonium) **leucoblepharum** (Yemen, Ethiopia, Somalia, Kenya, Uganda) 1848,
(Brachystelma) **lineare** (Ethiopia, Ghana, Nigeria, Sudan) 1851,
(Bulbine) **abyssinica** (ne Africa to RSA) 1851,
(Ceropegia) **convolvuloides** (Eritrea, Ethiopia) 1851,
(Ceropegia) **ringens** (Ethiopia, Eritrea) 1851,
(Dolichos) **mitis** (tropical Africa) 1847 —> **Neorautanenia mitis** by B Verdcourt 1969,
(Dorstenia) **cuspidata** (Senegal to Ethiopia to Zimbabwe, Mozambique) 1850,
(Kalanchoe) **angustifolia** (Ethiopia) 1847,
(Kalanchoe) **petitiana** (Ethiopia) 1847,
(Kalanchoe) **quartiniana** (Ethiopia) 1847 (na RG Quartin-Dillon),
(Kalanchoe) **schimperiana** (Ethiopia, Tanzania) 1847 (na GHW Schimper),

(Momordica) **adoensis** (Ghana to Ethiopia to RSA) 1847 —> **Coccinia adoensis** by CA Cogniaux 1881,
(Pelargonium) **glechomoides** (Ethiopia, Somalia) 1847,
(Pelargonium) **multibracteatum** (Ethiopia, Saudi Arabia, Uganda, Kenya, Tanzania) 1847,
(Pelargonium) **quinquelobatum** (Ethiopia, Somalia, Kenya, Uganda, Tanzania) 1847,
(Sedum) **epidendrum** (Ethiopia) 1847,
(Sempervivum) **abyssinicum** (Ethiopia) 1847 —> **Hypagophytum abyssinicum** by A Berger 1930,
(Senecio) **tuberosus** (Sudan, Ethiopia, Kenya, Uganda) 1848,
(Stapelia) **ango** (Ethiopia) 1851 (disc by RG Quartin-Dillon c1840) —> **Caralluma ango** by NE Brown 1892,
(Stapelia) **macrocarpa** (Sudan, Eritrea, Yemen, Saudi Arabia, Ethiopia) 1851 (disc by RG Quartin-Dillon 1840) —> **Huernia macrocarpa** by CL Sprenger 1892,
(Umbilicus) **botryoides** (Cameroon, Sudan, Ethiopia, Somalia to Tanzania) 1848,
(Umbilicus) **semiensis** (Ethiopia) 1847 —> **Afrovivella semiensis** by A Berger 1930.

Richard, Guy;
Book [1953–54] *Photos de Cactees en Fleurs* Dourdan, France; 50 color photos,
[1954] *Les Cactees et Leur Culture* Paris, France; French; 32p,
[1955] *Les Fleurs de Cactees en Couleurs* Paris; French; 98p.

†**Richards**, David [**Dave**] John (1925–6 Jan 2012); Zimbabwean engineer at Dept of Works, Salisbury/Harare; seed bank person for Aloe, C&SS of Zimbabwe; collected w R Peckover in Zimbabwe;
***species* nah:**
(Brachystelma) **richardsii** (Zimbabwe) (desc & nah by R Peckover 1997 & disc by R Peckover);
desc *species*:
(Sansevieria) **humiflora** (Zimbabwe) 2004 (disc by him),
(Sansevieria) **pfisteri** (Angola) 2009 (disc by PE Downs & F Pfister & na F Pfister),
(Sansevieria) **scimitariformis** (Zimbabwe) 2002 (disc by him).

†**Richards**, (Prof) (Dr) Herbert Maule (6 Oct 1871–9 Jan 1928); {H.Richards}; US botanist; DSc at Harvard Univ 1895; prof of botany at Barnard College, Columbia Univ 1897~;
Book [1915] *Acidity & Gas Interchange in Cacti* DC; Eng; 107p.

†**Richards**, [née Stokes,] **Mary** Alice Eleanor (3 Aug 1885–12 Aug 1977); British to Zambia 1951; collected in Zambia, Malawi & Tanzania 1951–74 for Kew of over 29,000 specimen plants, part of time w LDE Vesey-Fitzgerald 1960~; back to Eng 1974; honorary MSc by Univ of Wales; spouse Major Harry M Richards (–c1951);
***species* nah:**
(Euphorbia) **maryrichardsiae** (Zambia) (desc & nah by G Williamson 2008 & disc by

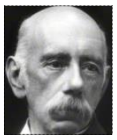
G & F M-L Williamson 2004);
disc *species*:
(Aloe) **richardsiae** (Tanzania) 1950s (desc & nah by GW Reynolds 1964),
(Ceropegia) **richardsiae** (Tanzania) 1965 (desc & nah by PS Masinde 2012),
(Euphorbia) **richardsiae** (Malawi) (desc & nah by LC Leach 1977),
(Monadenium) **nervosum** (Zambia, Zaire, Tanzania) 1954 (desc by PRO Bally 1959);
disc *variety*:
(Monadenium pseudoracemosum var) **lorifolium** (Zambia) 1959 (desc by PRO Bally 1959).

Richardson, David M;
Book [1997] *Vegetation of s Africa* [w RM Cowling & SM Pierce] Cambridge, Eng; Eng; 615p; (editors of).

Richaud, Philippe; French nurseryman & horticulturist;
disc *species*:
(Aloe) **aurelienii** (Mada) c1990s (desc by J-B Castillon 2008 & na Aurelien Castillon),
(Aloe) **richaudii** (Mada) 2001 (desc & nah by N Rebmann 2008).

Richter, (Mrs) Ivana; Czech Rep horticulturist;
Book [2001] *Kaktusy Special 2 on Opuntia* Czech Rep; Eng; 31p,
[2004] *Freezehardy Opuntia from the U.S.A.*; 32p w 77 color photos; (Eng translation of *Mrazuvzdorné opuncie z USA*).

†**Riddell**, [née Rodney,] Caroline Stuart (30 Jan 1814–1 Jan 1898); British to Sidney, Australia 1830 w spouse; father John Rodney (1765–1847); famous grandfather, Admiral George Brydges Rodney (1718–1792), 1st Lord Rodney of Rodney Stoke, Eng; spouse Campbell Drummond Riddell (9 Jan 1796–27 Dec 1832) colonial treasurer of New South Wales 1830~;
***species* nah:**
(Pelargonium) **rodneyanum** (S Australia, Victoria, New S Wales) (desc & nah by J Lindley 1838 & disc by TL Mitchell).



†**Ridley**, (Sir) Henry Nicholas (10 Dec 1855–24 Oct 1956); {Ridl.}; British botanist; BS in science at Exeter College, Oxford Univ, Eng 1877;
worked in botany dept of British Museum 1880–88; dir of bot gardens in Singapore 1888–12; interested in rubber trees, plant geography & economic botany; FLS 1881; FRS 1907; knighted 1911; Linnean Medal 1950;
desc *species*:
(Dischidia) **fruticulosa** (Malaysia) 1918,
(Dischidia) **klossii** (Malaysia, Thailand) 1951 (na CB Kloss) —> **Dischidia acutifolia** ssp **klossii** by RE Rintz 1980,
(Sesuvium) **distylum** (Rat Island of Brazil) 1891.

†**Riet**, (Mrs) M van de; RSA;

***species* nah:**

(Sarcocaulon) **vanderietiae** (Eastern Cape) (desc & nah by HML Bolus 1932 & disc by CF Ecklon 1830) —> **Monsonia vanderietiae** by F Albers 1996.

Rigerszki, Zoltàn;
Book [2007] *Melocacti of Cuba* [w A Vilardebo, G Delanoy & E Ujreti] Tradate, Italy; Italian or Eng versions; 174p w 265 color photos.

Riha, [Ríha,] Jan (1947–); {Riha}; Czech Rep; collected in Mex w R Subik 1977 & in Cuba & Venezuela;
Book [1981] Illustrated *Enc of C&OS* [w R Subik] London, Eng; Eng; 352p w 214 color photos,
[1989] *Kaktusy v Prirode* [w R Subik] Praha, Czech Rep; Czech; 130p,
[2000] *Kaktusy: A Jak je Pestovat* [w R Subik] Praha; Czech; 245p;
desc *genus*:

Cintia [w K Knize] (Bolivia) 1995 (syn of Rebutia K SCHUMANN);
desc *species*:

(Echinocereus) **morricalii** (Nuevo Leon) 1975 (disc by D Morrical & nah) —> **Echinocereus viereckii** ssp **morricalii** by NP Taylor 1997,

(Melocactus) **mazelianus** (Colombia, Venezuela) 1981 (na B Mazel),

(Thelocactus) **lausseri** [w J Busek] (Coahuila) 1986 (disc by A Lausser & nah);
transfer *species*:

"Echinocactus gielsdorfianus" (E Werdermann 1929) —> **Turbinicarpus gielsdorfianus** [w V John] 1983,

"Echinocactus saueri" (F Boedeker 1928) —> **Turbinicarpus saueri** [w V John] 1983,

"Echinocactus viereckii" (E Werdermann 1931) —> **Turbinicarpus viereckii** [w V John] 1983,

"Mamm horripila" (AC Lemaire 1838) —> **Turbinicarpus horripilus** [w V John] 1983.

Riker, Tom;
Book [1974] *The Gardener's Catalogue* [w H Rottenberg] NYC; Eng; 320p; (includes c&s).

Riley, (Mr) AW; RSA farmer in Pietersburg district, Transvaal;
***species* nah:**

(Delosperma) **rileyi** (Transvaal) (desc & nah by HML Bolus 1959).

†**Riley**, (Prof) (Dr) Herbert Parkes (28 Jun 1904–22 Mar 1988); {H.P.Riley};
US botanist, cytogeneticist & biosystematist; PhD at Princeton Univ, New Jersey 1931; prof at Tulane Univ 1934–38, at Univ of Washington, Seattle, Washington 1938–42, at Univ of Kentucky 1942~; Fullbright Lecturer at Pretoria Univ & Cape Town Univ 1955–56; detailed chromosome survey of Aloineae; many short papers on Aloe, Gasteria & Haworthia; spouse Agnes Graham [née Sanders] Riley (–2002);
Book [1963] *Families of Flowering Plants of Southern Africa* Lexington, Kentucky; Eng; 269p w 24 leaves of plates,

[1979] *The Aloineae, a Biosystematic Study* [w SK Majumdar) Lexington, Kentucky; Eng; 181p,
[1982] *The Yucca Moth & Yucca Pollination*; Eng; 59p.

†**Ringh**, Chr de; Dutch horticulturist; pres of Dutch Succ Soc 'Succulenta' 1929;
Book [1929] *Vademecum Bij Het Verzamelen en Kweeken van Cactussen en Overige Vetplanten* Utrecht, Netherlands; Dutch; 118p.

†**Ringoet**, (Mr) A; Belgian?; collected in Zaire;
species **nah:**
(Ceropegia) **ringoetii** (Tanzania, Zaire) (desc & nah by EAJ de Wildeman 1914).

Rintz, (Dr) Richard E (fl. 1960); {Rintz};
Book [1978] *The Peninsular Malaysian Species of Hoya (Asclepiadaceae)* Kuala Lumpar, Malayana; Eng; 60p,
[1980] *The Peninsular Malayan Species of Dischidia*; Eng; w some color photos;
transfer *species*:
"Dischidia klossii" (HN Ridley 1951) —> **Dischidia acutifolia** ssp **klossii** 1980.

Riojas Lopez, [Riojas López,] Mónica E;
Book [2001] *El Género Opuntia en Jalisco – Guia de Campo* [w A Gonzalez & HJ Arreola Nava] Guadalajara, Jalisco; Spanish; 135p w 33 color photos.

Ripps, (Dr med) Carolyn S (c1928–); US anatomic pathology specialist; MD at New York Univ School of medicine 1962; physician at Rockefeller Univ, NY; dir of NY C&SS;
Book [1981] *Cactus Coloring Book* [w S Bernath as artist] NY; Eng; 48p.

Riquileme, F;
Book [1980] *Manual de Magueyero* Mex City; 75p.

Rischer, Werner (1935–26 Sep 2018); {W.Rischer}; Ger; chairman of Der Echinocereefreund 2003–07;
Book [1998] *Echinocereus Monography* [w M Lange, W Blum & J Rutow]; Ger/Eng; 495p,
[1999] *Die Echinocereus scheeri-Gruppe* [w W Trocha] Hirschberg, Ger; Ger; 105p w 132 color photos;
transfer *variety*:
"Echinocereus scheeri var koehresianus" (GRW Frank 1988) —> **Echinocereus ortegae** ssp **koehresianus** [w GRW Frank] 1996.

Riskind, David H (1946–); worked at Texas Park & Wildlife Dept; collected in Mex 1970~;

Book [1987] *Endangered, Threatened, or Protected Native Plants of Texas* Austin, [w JM Poole] Texas; Eng; (includes 8 species of cacti).

†**Ritchie**, (Capt) Archie TA (–1962); British zoologist & in military; to Kenya 1920; set up Kenya Natl Parks & first game warden in Kenya 1924–48;
disc *species*:
(Euphorbia) **vittata** (Kenya) 1940 (desc by S Carter 1982),
(Monadenium) **ritchiei** (Kenya) 1939 (desc & nah by PRO Bally 1959).

†**Ritter**, **Friedrich** (9 May 1898–9 Apr 1989); {F.Ritter}; Ger biologist, geologist & anthropologist; studied biology, paleontology & geology at Univ of Marbury, Ger; to Mex 1920–37, back to Ger 1937–52, to Chile & Paraguay 1952–76, back to Ger 1976–82, to Canary Islands 1982~; owned a gold mine in Mex; cactus collector & taxonomic researcher; explored extensively in Mex 1928–32 & S Amer (Chile, Bolivia, Peru, Argentina, Brazil, Paraguay) 1952–76; disc & desc numerous taxa; IOS member 1961; CSSA Fellow award 1985; sister H Winter;
Book [1958] *Die von Curt Backeberg in "Descriptiones Cactacearum Novarum" Veroffentlichten Diagnosen 'Neuer' Peruanischer Kakteen Nebst Grundsatzlichen Erorterungen uber Taxonomische und Nomenklatorische Fragen* Hamburg, Ger; 54p,
[1958] *Descriptions Cactacearum Novarum*; 54p,
[1977] *40 Jahre Abenteuerleben und Die Wilde Weisheit (I: Abenteuer auf Minensuche in Mex – II: Abenteuer auf Kakteenjagd in Amerika)* = "40 Years of Adventure & Wild Wisdom" Spangenberg, Ger; 320p,
[1979–81] *Kakteen in Sudamerika* Spangenberg; Ger; 1,692; (in 4 Vols)
[1979] Vol 1, 374p; Brazil, Uruguay, Paraguay
[1980] Vol 2, 482p; Argentina, Bolivia;
[1980] Vol 3, 382p w 13 color plates; Chile;
[1981] Vol 4, 454p w 15 color photos; Peru,
[1982] *Field Numbers of Friedrich Ritter*; Ger; 84p;
***genus* nah:**
Ritterocereus (Mex, West Indies, Curacao, S Amer n coast) (desc & nah by C Backeberg 1942) (syn of Stenocereus RICCOBONO);
desc *genera*:
Borzicactella 1981 (syn of Cleistocactus LEMAIRE),
Brasiliparodia 1979 (syn of Parodia SPEGAZZINI),
Calymmanthium (Peru) 1962,
Cephalocleistocactus (Bolivia) 1959 (syn of Cleistocactus LEMAIRE),
Chileorebutia 1959 (syn of Eriosyce PHILIPPI),
Cipocereus (Minas Gerais) 1979,
Cumulopuntia (Argentina, Bolivia, Chile, Peru) 1980,
Eomatucana 1965 (syn of Matucana B&R),
Floribunda 1979 (subgenus of Cipocereus RITTER),
Gerocephalus 1968 (syn of Espostoopsis BUXBAUM),

Hildewintera (Bolivia) 1966 (na Hilde Winter) (syn of Cleistocactus LEMAIRE),
Lasiocereus (Peru) 1966,
Miqueliopuntia (Chile) 1980 (na FAW Miquel),
Mirabella 1979 (syn of Cereus MILLER),
Pilocopiapoa (Chile) 1961 (syn of Copiapoa B&R),
Pseudoacanthocereus (Brazil, Colombia, Venezuela) 1979,
Winteria 1962 (na H Winter) (syn of Cleistocactus LEMAIRE),
Yungasocereus (Bolivia) 1980;

species **nah:**

(Gymnocalycium) **ritterianum** (La Rioja) (desc by W Rausch 1972 & disc by W Rausch 1964),

disc *species*:

(Ariocarpus) **scaphirostris** (Nuevo Leon) 1928 (desc by F Boedeker 1930),

(Cereus) **maculatus** (Guerrero) 1932 (desc by W Weingart 1933) —> **Peniocereus maculatus** by LT Cutak 1951,

(Cleistocactus) **santacruzensis** (Bolivia, Paraguay) 1954 (desc by C Backeberg 1966) —> **Cleistocactus baumannii** ssp **santacruzensis** by R Mottram 1989,

(Cleistocactus) **winteri** (Santa Cruz B) 1958 (desc by DR Hunt 1988),

(Coryphantha) **asperispina** (Coahuila, Nuevo Leon) 1928 (desc by F Boedeker 1929) —> **Escobaria missouriensis** ssp **asperispina** by NP Taylor 1998,

(Coryphantha) **odorata** (Tamaulipas, San Luis Potosi) 1929 (desc by F Boedeker 1930) —> **Cumarinia odorata** by F Buxbaum 1951,

(Coryphantha) **werdermannii** (Coahuila) 1928 (desc by F Boedeker 1929 & na E Werdermann),

(Echinocactus) **ritteri** (Nuevo Leon) (desc & nah by F Boedeker 1928) —> **Aztekium ritteri** by F Boedeker 1929,

(Echinopsis) **pugionacantha** (Bolivia, Argentina) 1931 (desc by JN Rose & F Boedeker 1931),

(Echinopsis) **yuquina** (Bolivia) 1956 (desc by DR Hunt 1991),

(Eulychnia) **ritteri** (Peru) 1954 (desc & nah by W Cullmann 1958) —> **Eulychnia iquiquensis** ssp **ritteri** by DR Hunt 2005,

(Gymnocalycium) **paediophilum** (Paraguay) 1963 (desc by B Schutz 1977),

(Haageocereus) **acanthocladus** (Peru) 1956 (desc by WHH Rauh & C Backeberg 1957) —> **Haageocereus pseudomelanostele** var **acanthocladus** by C Ostolaza 2003,

(Haageocereus) **aureispinus** (Peru) 1956 (desc by WHH Rauh & C Backeberg 1958) —> **Haageocereus pseudomelanostele** var **aureispinus** by C Ostolaza 1998,

(Haageocereus) **chilensis** (Chile) 1953 (desc by DR Hunt 2005),

(Lobivia) **ritteri** (Bolivia) 1931 (desc & nah by W Wessner 1938) —> **Rebutia ritteri** by AFH Buining & JD Donald 1963),

(Lobivia) **schieliana** (Bolivia) (desc by C Backeberg 1957 & na W Schiel) —> **Echinopsis schieliana** by DR Hunt 1987,

(Lobivia) **tiegeliana** (Bolivia) 1931 (desc by W Wessner 1939 & na E Tiegel) —> **Echinopsis tiegeliana** by DR Hunt 1991,

(Mamm) **weingartiana** (Nuevo Leon) 1931 (desc by F Boedeker 1932 & na W Weingart),
(Mamm) **winterae** (Nuevo Leon) (desc by F Boedeker 1929 & na H Winter),
(Matucana) **ritteri** (La Libertad) 1953 (desc & nah by AFH Buining 1959),
(Oreocereus) **pseudofossulatus** (Bolivia) 1954 (desc by DR Hunt 1991),
(Parodia) **ritteri** (Bolivia) 1953 (desc & nah by AFH Buining 1959),
(Rebutia) **kupperiana** (Argentina, Bolivia) 1931 (desc by F Boedeker 1932 & na W Kupper) —> **Rebutia deminuta** ssp **kupperiana** by ML Hjertson 2003;

desc *species*:

(Acanthocalycium) **glaucum** (Argentina) 1964 —> **Echinopsis thionantha** ssp **glauca** by M Lowry 2005,
(Armatocereus) **balsasensis** (Peru) 1981 —> **Armatocereus rauhii** ssp **balsasensis** by C Ostolaza 1998,
(Arthrocereus) **odorus** (Minas Gerais) 1979 —> **Arthrocereus melanurus** ssp **odorus** by NP Taylor & DC Zappi 1997,
(Borzicactus) **neoroezlii** (Peru) 1961 —> **Cleistocactus neoroezlii** by F Buxbaum 1974,
(Browningia) **columnaris** (Peru) 1981 (disc by F Ritter 1965),
(Browningia) **icaensis** (Peru) 1981 (disc by F Ritter 1953) —> **Browningia candelaris** ssp **icaensis** by DR Hunt 2002,
(Calymmanthium) **substerile** (Peru) 1962 (disc by him 1954),
(Cephalocleistocactus) **chrysocephalus** (Bolivia) 1959 (disc by him 1954) —> **Cleistocactus chrysocephalus** by R Mottram 2002,
(Chileorebutia) **krausii** (Atacama, Antofagasta) 1960 (disc by P Kraus & nah) —> **Eriosyce krausii** by RM Ferryman 2003,
(Cleistocactus) **micropetalus** (Bolivia) 1980 (disc by him 1958) —> **Cleistocactus tominensis** ssp **micropetalus** by R Mottram 2002,
(Cleistocactus) **ritteri** (Bolivia) 1980 (disc by him 1954 & na himself),
(Cleistocactus) **vulpis-cauda** [w W Cullmann] (Bolivia) 1962 —> **Cleistocactus brookeae** ssp **vulpis-cauda** by R Mottram 2001,
(Coleocephalocereus) **decumbens** (Brazil) 1968 —> **Coleocephalocereus fluminensis** ssp **decumbens** by NP Taylor & DC Zappi 1997,
(Coleocephalocereus) **flavisetus** (Brazil) 1979 (disc by him 1965) —> **Coleocephalocereus buxbaumianus** ssp **flavisetus** by NP Taylor & DC Zappi 1997,
(Copiapoa) **calderana** (Antofagasta, Atacama) 1959 (disc by him 1956),
(Copiapoa) **columna-alba** (Chile) 1959 (disc by him 1956) —> **Copiapoa cinerea** ssp **columna-alba** by DR Hunt 2002,
(Copiapoa) **dealbata** (Atacama) 1959 (disc by him 1956),
(Copiapoa) **desertorum** (Chile) 1980 (disc by him 1956) —> **Copiapoa taltalensis** ssp **desertorum** by GJ Charles 2005,
(Copiapoa) **echinata** (Atacama) 1959 (disc by him 1956) —> **Copiapoa megarhiza** ssp **echinata** by GJ Charles 2006,
(Copiapoa) **esmeraldana** (Chile) 1980 (disc by him & AFH Buining 1969),
(Copiapoa) **grandiflora** (Chile) 1963 (disc by him 1956),
(Copiapoa) **hypogaea** (Atacama) 1960 (disc by him 1954),

(Copiapoa) **krainziana** (Antofagasta) 1963 (disc by him 1954 & na H Krainz),
(Copiapoa) **longistaminea** (Antofagasta) 1963 (disc by him 1956),
(Copiapoa) **montana** (Antofagasta) 1960 (disc by him 1954),
(Copiapoa) **serpentisulcata** (Atacama) 1960 (disc by him 1954),
(Copiapoa) **tocopillana** (Antofagasta) 1980 (disc by him 1960) —> **Copiapoa humilis** ssp **tocopillana** by DR Hunt 2002,
(Copiapoa) **varispinata** (Antofagasta) 1980 (disc by him 1968) —> **Copiapoa humilis** ssp **varispinata** by DR Hunt 2002,
(Corryocactus) **serpens** (Peru) 1981 (disc by him 1964),
(Echinopsis) **yungasensis** (La Paz) 1980 (disc by him 1953) —> **Echinopsis bridgesii** ssp **yungasensis** by PJ Braun & E Esteves Pereira 1995,
(Eomatucana) **oreodoxa** (Ancash) 1965 (disc by him 1964) —> **Matucana oreodoxa** by R Slaba 1986,
(Eriocactus) **magnificus** (Rio Grande do Sul) 1966 (disc by L Horst & F Ritter 1964) —> **Parodia magnifica** by FH Brandt 1982,
(Eriocactus) **warasii** (Rio Grande do Sul) 1973 (na E Waras) —> **Parodia warasii** by FH Brandt 1982,
(Espostoa) **calva** (Peru) 1981 (disc by him 1964),
(Espostoa) **hylaea** (Peru) 1964 (disc by him 1957),
(Espostoa) **lanianuligera** (Peru) 1981 (disc by him 1957) —> **Espostoa lanata** ssp **lanianuligera** by GJ Charles 2002,
(Espostoa) **mirabilis** (Peru) 1964 (disc by him1957),
(Espostoa) **nana** (Peru) 1964 (disc by him 1953) —> **Espostoa melanostele** ssp **nana** by GJ Charles 2002,
(Espostoa) **ruficeps** (Peru) 1981 (disc by him 1956) —> **Espostoa lanata** ssp **ruficeps** by GJ Charles 2002,
(Espostoa) **superba** (Peru) 1960 (disc by him 1954),
(Floribunda) **pusilliflora** (Brazil) 1979 (disc by him 1964) —> **Cipocereus pusilliflorus** by DC Zappa & NP Taylor 1991,
(Frailea) **albicolumnaris** (Brazil) 1970 (disc by L Horst) —> **Frailea pygmaea ssp albicolumnaris** by A Hofacker 1998,
(Frailea) **horstii** (Brazil) 1970 (disc by L Horst & nah) —> **Frailea gracillima** ssp **horstii** by PJ Braun & E Esteves Pereira 1995,
(Gymnanthocereus) **altissimus** (Peru) 1959 (disc by F Ritter 1956) —> **Browningia altissima** by F Buxbaum 1965,
(Gymnanthocereus) **pilleifer** (Peru) 1967 (disc by him 1957) —> **Browningia pilleifera** by PC Hutchison 1968,
(Gymnocalycium) **cardenasianum** (Bolivia) 1964 (disc by him 1953 & na M Cardenas) —> **Gymnocalycium spegazzinii** ssp **cardenasianum** by R Kiesling & D Metzing 1996,
(Gymnocalycium) **eurypleurum** (Paraguay) 1979 (disc by him 1963),
(Gymnocalycium) **glaucum** (Catamarca) 1963 (disc by him 1959),
(Gymnocalycium) **stenopleurum** (Paraguay) 1979 (disc by AM Friedrich c1934),
(Haageocereus) **tenuis** (Peru) 1981 (disc by him 1956),

(Horridocactus) **engleri** (Chile) 1959 (disc by him 1954 & na HGA Engler) —> **Eriosyce engleri** by F Kattermann 1994,

(Horridocactus) **garaventae** (Valparaiso) 1959 (disc by HA Garaventa & nah) —> **Eriosyce garaventae** by F Kattermann 1994,

(Lasiocereus) **fulvus** (Amazonas A) 1981 (disc by him 1964),

(Lasiocereus) **rupicola** (Peru) 1981 (disc by him 1957),

(Lobivia) **arachnacantha** [w AFH Buining] (Bolivia) 1956 —> **Echinopsis arachnacantha** by H von Friedrich 1974,

(Loxanthocereus) **xylorhizus** (Peru) 1981 (disc by him 1953) —> **Cleistocactus zylorhizus** by C Ostolaza 1996,

(Maihueniopsis) **archiconoidea** (Chile) 1980 (disc by him 1954),

(Maihueniopsis) **conoidea** (Chile) 1980,

(Matucana) **aureiflora** (Cajamarca) 1966 (disc by him 1964),

(Matucana) **currundayensis** (Peru) 1958 (disc by him) —> **Matucana aurantiaca** ssp **currundayensis** by R Mottram 1997,

(Matucana) **formosa** (Cajamarca) 1963 (disc by him 1957),

(Matucana) **fruticosa** (Cajamarca) 1967 (disc by him 1964) —> **Matucana aurantiaca** ssp **fruticosa** by R Mottram 2002,

(Matucana) **hastifera** (Ancash) 1981 (disc by him 1964) —> **Matucana aurantiaca** ssp **hastifera** by R Mottram 2002,

(Matucana) **intertexta** (Cajamarca) 1963 (disc by him 1957),

(Matucana) **paucicostata** (Ancash) 1963 (disc by him 1960),

(Melocactus) **onychacanthus** (Peru) 1966 (disc by him) —> **Melocactus bellavistensis** ssp **onychacanthus** by NP Taylor 1991,

(Mirabella) **minensis** (Brazil) 1979,

(Morawetzia) **sericata** (Peru) 1981 (disc by him 1964) —> **Oreocereus doelzianus** ssp **sericatus** by R Mottram 2002,

(Neoporteria) **wagenknechtii** (Chile) 1963 (na R Wagenknecht) —> **Eriosyce subgibbosa** ssp **wagenknechtii** by F Kattermann 2001,

(Notocactus) **crassigibbus** (Brazil) 1970 —> **Parodia crassigibba** by NP Taylor 1987,

(Notocactus) **fuscus** (Brazil) 1979 (disc by L Horst 1965) —> **Parodia fusca** by A Hofacker & PJ Braun 1998,

(Notocactus) **horstii** (Brazil) 1966 (disc by L Horst & F Ritter 1964 & na L Horst) —> **Parodia horstii** by NP Taylor 1987,

(Notocactus) **horstii** (Brazil) 1966 (na L Horst),

(Notocactus) **neobuenekeri** (Rio Grande do Sul) 1979 (na RH Bueneker) —> **Parodia neobuenekeri** by G Anceschi & A Magli 2010,

(Notocactus) **succineus** (Rio Grande do Sul) 1970 —> **Parodia scopa** ssp **succinea** by A Hofacker & PJ Braun 1998,

(Notocactus) **tenuicylindricus** (Rio Grande do Sul) 1970 (disc by L Horst & F Ritter 1965) —> **Parodia tenuicylindrica** by DR Hunt 1997,

(Oreocereus) **tacnaensis** (Peru) 1981,

(Parodia) **commutans** (Bolivia) 1964 (disc by him 1953),

(Parodia) **formosa** (Argentina, Bolivia) 1964 (disc by him 1958),
(Parodia) **procera** (Bolivia) 1964 (disc by him 1958),
(Parodia) **subterranea** (Bolivia) 1964 (disc by him),
(Pereskia) **aureiflora** (Bahia, Minas Gerais) 1979 (disc by ? Pinto 1950),
(Pereskia) **stenantha** (Bahia, Minas Gerais) 1979 (disc by L Zehntner 1912),
(Pilocopiapoa) **solaris** (Antofagasta) 1961 (disc by him 1956) —> **Copiapoa solaris** by him 1980,
(Pilosocereus) **aurilanatus** (Minas Gerais) 1979 (disc by him 1964) —> **Pilosocereus aurisetus** ssp **aurilanatus** by DC Zappi 1994,
(Pilosocereus) **densiareolatus** (Bahia, Minas Gerais) 1979 (disc by him 1959),
(Pilosocereus) **multicostatus** (Minas Gerais) 1979 (disc by him 1965),
(Pilosocereus) **pachycladus** (Bahia, Minas Gerais) 1979 (disc by him 1964),
(Pilosocereus) **pernambucoensis** (Brazil) 1979 (disc by him 1963) —> **Pilosocereus pachycladus** ssp **pernambucoensis** by DC Zappi 1994,
(Pilosocereus) **quadricostatus** (Minas Gerais) 1979 (disc by him 1965) —> **Pilosocereus floccosus** ssp **quadricostatus** by DC Zappi 1994,
(Pilosocereus) **splendidus** (Brazil) 1979 (disc by him 1964),
(Piptanthocereus) **calcirupicola** (Brazil) 1979 (disc by him 1959) —> **Cereus jamacaru** ssp **calcirupicola** by NP Taylor & DC Zappi 1997,
(Piptanthocereus) **sericifer** (Brazil) 1979 (disc by him 1965) —> **Cereus fernambucensis** ssp **sericifer** by NP Taylor & DC Zappi 1997,
(Platyopuntia) **saxatilis** (Minas Gerais) 1979 (disc by F Ritter 1959) —> **Tacinga saxatilis** by WH Stuppy & NP Taylor 2002,
(Pyrrhocactus) **simulans** (Chile) 1961 —> **Eriosyce simulans** by F Kattermann 2001,
(Rebutia) **albiflora** [w AFH Buining] (Tarija) 1963 (disc by F Ritter) —> **Rebutia pulvinosa** ssp **albiflora** by ML Hjertson 2003,
(Rebutia) **pulvinosa** [w AFH Buining] (Tarija) 1963 (disc by F Ritter),
(Rhipsalis) **hohenauensis** (Argentina, Paraguay) 1979 (disc by him 1973) —> **Rhipsalis floccose** ssp **hohenauensis** by WA Barthlott & NP Taylor 1995,
(Sulcorebutia) **mentosa** (Cochabamba) 1964 —> **Rebutia mentosa** by JD Donald 1987,
(Sulcorebutia) **verticillacantha** (Cochabamba) 1962 (disc by him 1958) —> **Rebutia steinbachii** ssp **verticillacantha** by DR Hunt 1997,
(Tephrocactus) **echinaceus** (Chile) 1964 (disc by him 1953) —> **Cumulopuntia boliviana** ssp **echinacea** by DR Hunt 2002,
(Thelocephala) **tenebrica** (Chile) 1980 —> **Eriosyce napina** ssp **tenebrica** by RM Ferryman 2003,
(Thrixanthocereus) **senilis** (Peru) 1961 (disc by him 1956) —> **Espostoa senilis** by NP Taylor 1978,
(Trichocereus) **caulescens** (Tarija) 1966 —> **Echinopsis caulescens** by M Lowry 2002,
(Trichocereus) **quadratiumbonatus** (Bolivia) 1980 (disc by him 1963) —> **Echinopsis quadratiumbonata** by DR Hunt 1997,
(Trichocereus) **clavatus** (Bolivia, Peru) 1980 (disc by him 1953) —> **Echinopsis clavata** by DR Hunt 1997,

(Trichocereus) **glaucus** (Bolivia) 1962 (disc by him 1954) —> **Echinopsis glauca** by H von Friedrich & GD Rowley 1974,

(Weberbauerocereus) **albus** (Peru) 1962 (disc by him 1956),

(Weberbauerocereus) **churinensis** (Peru) 1962 (disc by him 1957),

(Weberbauerocereus) **winterianus** (Peru) 1962 (disc by him 1953),

(Weingartia) **lanata** (Chuquisaca) 1961 (disc by him 1954) —> **Rebutia neocumingii** ssp **lanata** by DR Hunt 2003;

transfer *species*:

"Acanthocereus braziliensis" (NL Britton & JN Rose 1920) —> **Pseudoacanthocereus brasiliensis** 1979,

"Austrocephalocereus albicephalus" (AFH Buining & AJ Brederoo 1973) —> **Micranthocereus albicephalus** 1979,

"Austrocephalocereus dolichospermaticus" (AFH Buining & AJ Brederoo 1974) —> **Micranthocereus dolichospermaticus** 1979,

"Austrocephalocereus estevesii" (AFH Buining & AJ Brederoo 1975) —> **Micranthocereus estevesii** 1979,

"Buiningia purpurea" (AFH Buining & AJ Brederoo 1973) —> **Coleocephalocereus purpureus** 1979,

"Cephalocereus purpureus" (RLA Gurke 1908) —> **Micranthocereus purpureus** 1968,

"Cereus cephalomacrostibas" (E Werdermann & C Backeberg 1931) —> **Weberbauerocereus cephalomacrostibas** 1981,

"Cereus minensis" (E Werdermann 1933) —> **Cipocereus minensis** 1979,

"Cereus philippii" (EA von Regel 1882) —> **Austrocactus philippii** [w F Buxbaum] 1963,

"Coleocephalocereus aureispinus" (AAFH Buining & AJ Brederoo 1974) —> **Pilosocereus aureispinus** 1979,

"Erdisia erecta" (C Backeberg 1942) —> **Corryocactus erectus** 1981,

"Erdisia quadrangularis" (WHH Rauh & C Backeberg 1957) —> **Corryocactus quadrangularis** 1958,

"Eriocereus spinosissimus" (AFH Buining & AJ Brederoo 1977) —> **Arthrocereus spinosissimus** 1979,

"Opuntia boliviana" (JFM Salm-Dyck 1845) —> **Cumulopuntia boliviana** 1980,

"Opuntia darwinii" (JS Henslow 1837) —> **Maihueniopsis darwinii** 1980,

"Opuntia floccose" (JFM Salm-Dyck 1834) —> **Austrocylindropuntia floccose** 1981,

"Opuntia hypogaea" (E Werdermann 1931) —> **Maihueniopsis hypogaea** 1980,

"Opuntia miquelii" (HB de Monville 1839) —> **Miqueliopuntia miquelii** 1980,

"Opuntia spiniflora" (RA Philippi 1859) —> **Austrocactus spiniflorus** 1963,

"Pseudopilocereus flavipulvinatus" (AFH Buining & AJ Brederoo 1979) —> **Pilosocereus flavipulvinatus** 1980,

"Pseudopilocereus fulvilanatus" (AFH Buining & AJ Brederoo 1973) —> **Pilosocereus fulvilanatus** 1979,

"Pseudopilocereus magnificus" (AFH Buining & AJ Brederoo 1979) —> **Pilosocereus magnificus** 1979,

"Samaipaticereus inquisivensis" (M Cardenas 1957) —> **Yungasocereus inquisivensis** 1980;

disc *subsp*:
(Melocactus violaceus ssp) **ritteri** (Brazil) 1964 (desc & nah by NP Taylor 1991),
(Rhipsalis floccosa ssp) **oreophila** (Brazil) 1964 (desc by NP Taylor & DC Zappi 1998);
desc *variety*:
(Notocactus arechavaletae var) **horstii** (Brazil) 1979 (disc by F Ritter & nah) —> **Parodia ottonis** ssp **horstii** by A Hofacker 1998,
(Notocactus glaucinus var) **gracilis** (Brazil) 1979 —> **Parodia oxycostata** ssp **gracilis** by A Hofacker 1998;
transfer *variety*:
"Tephrocactus pentlandii var rossianus" (W Heinrich & C Backeberg 1953) —> **Cumulopuntia rossiana** 1980.

†**Riva**, (Dr) Domenico (c1856–1895); {Riva}; Italian botanist; bot assistant at Bologna; explored in Ethiopia & Somaliland on expedition w E Ruspoli 1892–94;
***species* nah:**
(Aloe) **rivae** (Ethiopia, Kenya) (desc & nah by JG Baker 1898),
(Euphorbia) **rivae** (Sudan, Ethiopia, Kenya) (desc & nah by FA Pax 1987),
(Sesamothamnus) **rivae** (Somalia, Ethiopia, Kenya, Tanzania) (desc & nah by HGA Engler 1897);
disc *species*:
(Aloe) **pirottae** [w E Ruspoli] (Ethiopia, Kenya) (desc by A Berger 1905 & na PR Pirotta),
(Aloe) **ruspoliana** (Ethiopia, Somalia, Kenya) 1893 (desc by JG Baker 1898 & na E Ruspoli),
(Euphorbia) **glochidiata** [w E Ruspoli] (Kenya, Ethiopia, Somalia) 1892 (desc by FA Pax 1897),
(Euphorbia) **gymnocalycioides** [w E Ruspoli] (Ethiopia) 1893 (desc by MG Gilbert &S Carter 1984),
(Monadenium) **stellatum** (Somalia, Ethiopia) (desc by PRO Bally 1959).

Rivera, (Dr) ER; US; PhD at Univ of Texas, Austin 1973;
Book [1973] *Echinomastus intertestus (Cactaceae): An Ultrastructural, Physiological & Biochemical Study* Austin, Texas; 410p; (PhD thesis).

†**Riviere de Caralt**, Fernando (3 Feb 1904–12 Jul 1992);
Spainish civil engineer & industrialist; founder & owner of outdoor c&s bot garden *Pinya de Rosa*, near Blanes, Costa Brava, Spain 1945~; IOS member 1953, secretary 1955–60 & honorary member 1984;
***species* nah:**
(Aloe) **rivierei** (Yemen, Saudi Arabia) (desc & nah by JJ Lavranos & LE Newton 1977 & disc by JJ Lavranos & LE Newton 1976),
(Echinopsis) **riviere-de-caraltii** (Chuquisaca) (desc & nah by M Cardenas 1971 & disc by M Cardenas 1968).

Rivinus, Augustus Quirinus — See Bachmann, August.

Rix, Edward **Martyn** (15 Aug 1943–); {Rix}; British botanist, horticulturalist & author; PhD at Corpus Christ College, Cambridge Univ 1971; worked in Zurich, Switzerland & at the Royal Horticultual Society gardens at Wisley 1974–78; collected & photographed plants in expeditions to China, Mexico,South Africa & Argentina; FLS; awarded Royal Horticultural Society's Veitch Memorial Gold Medal 1998; editor of Curtis's Botanical Magazine 2003~; major interest is Liliaceae, especially Fritillaria; spouse Alison Jane [née Goatcher] Rix;
Book [2006] *Subtropical & Dry Climat Plants: The Definitive Practical Guise* Portland, Oregon; Eng; 256p.

†**Rizzini**, (Dr med) Carlos Toledo (18 Apr 1921–10 Mar 1992); {Rizzini}; Brazilian physician, botanist & mycologist; prof at Rio de Janeiro Bot Garden, Brazil 1946~;
Book [1982] *Melocactus No Brasil* Rio de Janeiro, Brazil; Portuguese; 142p;
desc *species*:
(Cereus) **bicolor** [w A de Mattos-Filho] (Mato Grosso) 1985 (disc by them 1983),
(Dioscorea) **basiclavicaulis** [w A de Mattos-Filho] 1986,
(Euphorbia) **appariciana** (Brazil)1989 (disc by Apparicio P Duarte & nah),
(Euphorbia) **attastoma** (Minas Gerais) 1989 (disc by AP Duarte 1970),
(Euphorbia) **holochlorina** (Espirito Santo) 1989 (disc by AP Duarte),
(Monvillea) **saddiana** [w A de Mattos-Filho] (Mato Grosso) 1985 (disc by A de Mattos-Filho & N Saddi 1983 & na N Saddi) —> **Cereus saddianus** by PJ Braun 1988;
disc *subsp*:
(Melocactus violaceus ssp) **margaritaceus** [w A de Mattos] (Brazil) 1981 (desc by NP Taylor 1991);
desc *variety*:
(Euphorbia attastoma var) **xanthochlora** (Minas Gerais) 1989.

Rizzo, (Prof) (Dr) José Angelo; Goiânia, Brazil;
prof of botany & dir at Universidade Federal de Goiás herbarium;
***species* nah:**
(Pilosocereus) **rizzoeanus** (Goias) (desc & nah by PJ Braun & E Esteves Pereira 1992 & disc by E Esteves Pereira 1975).

†**Roan**, [né Roseanman,] Herbert **Michael** (24 Oct 1909–2 Sep 2003); Adel, Leeds, Eng; British mill owner & textile manufacturer, amateur horticulturist & artist; co-founding member (w A Baynes, Victor W Kane & Fred Ives) of Yorkshire C&SS 1945 that became NCSS 1946; 1st editor of NCSS Journal 1946–51; founding member of Berkhansted Branch of NCSS 1947; founding member of IOS 1950 & secretary 1953–54; co-founder & co-editor of Repertorium Plantarum Succulentarum w AJA Uitewaal 1950, & w GD Rowley
1951–54; NCSS Fellow 1955; to Southern Rhodesia 1956–66; back to Eng 1966;

cultivar *xGraptoveria 'Michael Roan'* nah by JC van Keppel 1980;
NCSS Life Member ≈1983;
spouse ? (–1986);
Book [1948] *C&OS Plants* Bradford, Eng; Eng; 55p,
[1955] *An Intro to C&OS Plants* [w SH Scott] Nottingham, Eng; Eng; 42p;
***species* nah:**
(Adromischus) **roaneanus** (Northern Cape, Western Cape) (desc & nah by AJA Uitewaal 1952).

Robbins, James Arthur (1925–); US pharmacist; MS in pharmacognoscy at Univ of Arizona 1955; sons JD & JP Robbins;
***species* nah:**
(Cochiseia) **robbinsorum** (Arizona, Sonora) 1976 (desc & nah, JD Robbins & JP Robbins by WH Earle 1976 & disc by JP Robbins 1975) —> **Escobaria robbinsorum** by DR Hunt 1978.

Robbins, James Paul (1966–); US; father JA Robbins & brother JD Robbins;
disc *species*:
(Cochiseia) **robbinsorum** (Arizona, Sonora) 1976 (desc & nah, JA Robbins & JD Robbins by WH Earle 1976) —> **Escobaria robbinsorum** by DR Hunt 1978.

Robbins, John David (1954–); US computer programmer; AA degree at Cochise College, Arizona 1978; father JA Robbins & brother JP Robbins;
***species* nah:**
(Cochiseia) **robbinsorum** (Arizona, Sonora) 1976 (desc & nah, JA Robbins & JP Robbins by WH Earle 1976 & disc by JP Robbins 1975) —> **Escobaria robbinsorum** by DR Hunt 1978.

†**Robecchi-Bricchetti,** Luigi (1855–31 May 1926); Italian engineer; collected in Ethiopia & Somalia 1889–91;
disc *species*:
(Euphorbia) **robecchii** (Kenya, Somalia, Ethiopia, Tanzania) 1891 (desc & nah by FA Pax 1897).

†**Roberts**, Kate; Texas rancher in Brewster County; species found on this ranch;
***species* nah:**
(Sedum) **robertsianum** (Texas, Coahuila) (desc & nah by EJ Alexander 1936).

†**Roberts**, (Dr) Norman C (25 Sep 1920–23 Apr 2009); US veterinarian; PhD in veterinary medicine at Veterinary College in Colorado 1944; veterinarian of large animals in San Diego Count & northern Baja Calif; chairman of San Diego Wild Animal Park at San Diego Zoo; explored in Baja Calif; investment counselor in La Jolla; explored natural & cultural history of Baja Calif for over 70 yrs; first spouse Evelyn [née Cavenee], second spouse Angelina [Gelin] [née Lopez Mateos], third spouse Sandra [née Hanna] Roberts;
Book [1975] *A field Guide to Common & Interesting Plants of Baja* [w J Coyle] La Jolla, Calif;

Eng; 206p,

[1989] *Baja Calif Plant Field Guide* La Jolla, Calif; Eng; 309p; (author of 2 editions & 3rd edition 2012 w JP Rebman of 451p w many color photos).

Robichaux, (Prof) (Dr) Robert [**Rob**]Hall (1953–); US plant biologist & botanist; PhD in botany at Univ of Calif, Davis 1980; prof of botany at Univ of Calif, Berkeley 1980-86; prof of ecology & evolutionary biology at Univ of Arizona 1986~;
Book [1999] *Ecology of Sonoran Desert Plants & Communities* Tucson, Arizona; 303p; (editor of).

†**Robinson**, (Prof) (Dr) Benjamin Lincoln (8 Nov 1864–27 Jul 1935); {B.L.Rob.}; US botanist; PhD at Strassburg Univ, France 1889; assistant to S Watson at Gray Herbarium, Cambridge, Massachusetts 1890–92 & curator & prof of systematic botany 1892~; spouse Margaret Louise [née Casson] (c1902–1931);
desc *species*:

(Agave) **potosina** [w JM Greenman] (San Luis Potosi, Zacatecas, Coahuila) 1894,
(Cereus) **nesioticus** (Galapagos) 1902 —> **Brachycereus nesioticus** by C Backeberg 1936,
(Cotyledon) **subrigida** [w HE Seaton] (state of Mex, Hidalgo, San Luis Potosi, Guanajuato, Queretaro) 1893 —> **Echeveria subrigida** by JN Rose 1903,
(Dictyanthus) **tuberosus** (Sonora to Jalisco) 1892 —> **Matelea tuberosa** by RE Woodson 1941,
(Pedilanthus) **romentellus** [w JM Greenman] (Oaxaca) 1896,
(Sedum) **calcicola** [w JM Greenman] (San Luis Potosi) 1895,
(Sedum) **lumholtzii** [w ML Fernald] (Sonora, Sinaloa) 1894 (na C Lumholtz);
transfer *species*:
"Calandrinia columbiana" (A Gray 1887) —> **Lewisia columbiana** 1897,
"Calandrinia cotyledon" (S Watson 1885) —> **Lewisia cotyledon** 1897,
"Calandrinia leeana" (T Porter 1876) —> **Lewisia leeana** 1897,
"Calandrinia nevadensis" (A Gray 1873) —> **Lewisia nevadensis** 1897,
"Calandrinia oppositifolia" (S Watson 1885) —> **Lewisia oppositifolia** 1897,
"Claytonia triphylla" (S Watson 1875) —> **Lewisia triphylla** 1897,
"Talinum pygmaeum" (A Gray1862) —> **Lewisia pygmaea**1897.

Robinson, John; US horticulturist; owner of *Pantree* succ plant nursery, Vista, Calif;
Book [1980] *Pantree Succulents 1980/81* Vista; Eng; 28p; (trade catalog).

Robiquet, H Edmond;
Book [1846] *Recherces sur le suc d'Aloes* Paris, France; French; 70p.

Robivelo, Adrienne; Mada ethnobotanist; worked in Lyon & Colmar;
***species* nah:**

(Ceropegia) **robivelonae** (Mada) (desc & nah by WHH Rauh & R Gerold 1998),
(Euphorbia) **robivelonae** (Mada) (desc & nah by WHH Rauh 1994);

disc *species*:
(Ceropegia) **gikyi** [w R Gerold] (Mada) 1996 (desc by WHH Rauh & R Gerold 1998 & na M Giky).

†Roborowski, ?;[?Vsevolod Ivanovic; collected in central Asia;?]
***species* nah:**
(Sedum) **roborowskii** (China, Nepal, Tibet) (desc & nah by CJI Maximowicz 1883).

Robyns, André; US; Missouri Bot Gardens, St. Louis, Missouri;
Book [1967] *Cactaceae dans flore du Congo, Rwanda et du Burundi Spermatophytes* Bruxelles; 5p.

†Robyns, (Dr) Frans Hubert Eduoard Arthur **Walter**
(25 May 1901–27 Dec 1986); {Robyns}; Belgian taxonomist;
DSc at Catholic Univ of Louven, Belgium 1923; assistant, curator & dir of Natl Bot Garden, Brussels 1923–66; one of founding members of International Association of Plant Taxonomy & 2nd pres 1959–64; explored & student of flora of central Africa;
desc *species*:
(Sedum) **churchillianum** [w R Boutique] (Ethiopia, Uganda, Zaire) 1945;
transfer *species*:
"Bombax grandiflorum" (AJ Cavanilles 1788) —> **Pseudobombax grandiflorum** 1963,
"Senecio bojeri" (AP de Candolle 1837) —> **Crassodephalum bojeri** 1947;
desc *variety*:
(Pseudobombax ellipticum var) **tenuiflorum** (Veracruz) 1963.

Rocha, E;
disc *species*:
(Rebutia) **arenacea** (Cochabamba) 1949 (desc by M Cardenas 1951),
(Rebutia) **glomeriseta** (Cochabamba) 1949 (desc by M Cardenas 1951).

†Rochford, Thomas Christopher (1904–11 Aug 1989); British horticulturist; law degree at Cambridge Univ, Eng 1968; dir of 'Thomas Rochford & Sons Ltd.' nursery (started by his great grandfather in 1876) 1972~; VMH 1969;
Book [1975] *Cacti as House Plants: Flowers in the Desert of your Home* [w WE Shewell-Cooper] London, Eng; Eng; 152p,
[1976] *The Collingridge All-Colour Guide to House Plants C&S* [w W Davidson] London, Eng; 192p,
[1983] *C&OS* , Rushden; Eng; 108p w 252 color graphics; (reprint of part of 1983 *C&OS*),
[1986] *Die Schonsten Kakteen und Sukkulenten* Stuttgart, Ger; Ger; 108p.

†Rodati, (Dr med) Aloysius [Aloysio] Luigi [Louis] (1762–16 Apr 1832); {Rodati}; Italian physician & botanist; prefect of Bologna Bot Garden 1792–1802;
Book [1802] *Index Plantarum Quae Exstant in Horto Publico Bononiae : Anno 1802, Accedunt*

Observationes Circa Duas Species Agaves, Necnon Continuatio Historiae Horti Ejusdem Bologna, Italy; 121p w 5 copper engraved folding plates.

Rodgerson, Chris (3 Aug 1958–); British electrician, nurseryman & photographer; specializes in Conophytum & Adromischus; collected in RSA;
Book [1998] *Adromischus (The Cactus File Handbook No 3)* [w JW Pilbeam & D Tribble] Southampton, Eng; Eng; 104p;
disc *species*:
(Conophytum) **chrisolum** (Namaq) 1994 (desc & nah by SA Hammer 1997),
(Conophytum) **youngii** (RSA) 2011 (desc by him 2012 & na AJ Young),
(Tylecodon) **scandens** [w DV Tribble] (Western Cape) 1992 (desc by EJ van Jaarsveld 1995),
(Tylecodon) **tribblei** [w DV Tribble] (Little Namaq) 1994 (desc & na DV Tribble by EJ van Jaarsveld 1997);
disc *subsp*:
(Conophytum buysianum ssp) **politum** [w AJ Young] (Western Cape) 2008(desc by them 2012),
(Conophytum ectypum ssp) **ignavum** [w D Tribble] (Namaq) 1996 (desc by SA Hammer 2001),
(Conophytum tantillum ssp) **amicorum** [w D Tribble, SA Hammer & CM Barnhill] (Namaq) 1996 (desc by CM Barnhill & SA Hammer 1997).

†**Rodier Heath**, (Dr med) Francis Harold (1874–20 Jul 1940); {F.H.R.Heath}; British physician & succ grower; spouse Ethel Beatrice [née Heath] Rodier Heath;
***species* nah:**
(Mesemb) **heathii** (Western Cape) (desc & nah by NE Brown 1920) —> **Gibbaeum heathii** by HML Bolus 1937.

†**Rodin**, (Prof) (Dr) Robert Joseph (15 Jul 1922–27 Jun 1978); Calif biologist; PhD in botany with thesis 'Anatomical Studies of the Foliar Organs of Welwitschia mirabilis' at Univ of Calif, Berkeley 1951; prof of biology at Forman Christian College in Lahore, West Pakistan 1951–53; prof of biology at Calif Polytechnic Univ in San Luis Obispo 1953–76; botanist w Univ of Calif African Expedition to RSA, Namibia, Rhodesia, Mozambique & Swaziland 1947–48; prof of botany at Univ of Calif, Berkeley 1953~;
interested in ferns & genus Welwitschia; spouse Elva [née Bain] Rodin (–10 May 1986).
disc *species*:
(Cotyledon) **striata** (Northern Cape, Western Cape) 1947/48 (desc by PC Hutchison 1964) —> **Tylecodon striatus** by HR Tolken 1978.

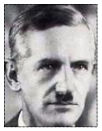
Rodriques, Joao Barbosa- — See **Barbosa Rodrigues**, Joao.

†**Rodrigues**, [Rodriguez,] José Demetrio (1780–1846); {Rodr.}; Spanish botanist; dir of herbarium at Royal College Alfonso XII of San Lorenzo de El Escorial, Madrid, Spain;

desc *species*:
(Cactus) **serpentinus** [w M Lagasca] (Mex) 1801 —> **Peniocereus serpentinus** by NP Taylor 1987.

Rodriguez, [Rodríguez, Rodríguez Gonzáles,] Luis;
Book [1985] *Cactos y Otras Suculentas en Cuba* [w RR Apezteguia] La Habana, Cuba; Spanish; 213p w 170 color photos (reprint 1999).

Rodriguez Salazar, Eloy;
Book [1998] *Nopal – riqueza Agroecologica de Mex* [w A Nava Cedillo] Mex City; 160.



†**Rodway**, (Dr med) Frederick Arthur (25 Mar 1880–1 Apr 1956); Australian medical officer; collected in New S Wales & Western Australia;
***species* nah:**
(Aizoon) **rodwayi** (western Australia) (desc & nah by AJ Ewart 1908) —>**Gunniopsis rodwayi** by CA Gardner 1930.

†**Roeder**, [née Leake,] Marcelotte (Mar 1920–29 Aug 2008); US botanist & publisher; MS in botany at Univ of Oklahoma; mother D Leake; brother JB Leake;
Book [1993] *Desert & Mountain Plants of the Southwest* [w JB Leake & D Leake] Norman, Oklahoma; Eng; 239p w 253 sketches.

†**Roeder**, (Dr) Wilhelm von; Ger agriculturist;
Book [1923] *Unsere Kakteen und Sukkulenten* Verlagsansta Lt Trowitzsch, Ger; Ger; 223p,
[1925] *Der Kakteenzüchter* Stuttgart, Ger; Ger; 102p,
[1928] *Kakteenzucht Leicht Gemacht* Stuttgart; Ger; 99p,
[1928–29] *Fehlerbuch der Kakteenzüchters* Stuttgart; Ger;
[1928] Part 1, 104p;
[1929] Part 2, 96p,
[1930–31] *Die Sukkulenten* Stuttgart; Ger; 42p.

†**Roemer**, [Römer,] (Dr med) Johann Jakob [Jacob] (8 Jan 1763–15 Jan 1819); {Roem.}; Swiss botanist, physician, entomologist & naturalist; PhD at Zürich Univ 1784; physician in Zürich 1786~; dir of bot garden of Naturforschende Gesellschaft, Zürich 1797~; co-editor of *Magazin für die Botanik* 1787–91;
Book [1817–30] Caroli a Linné Equitis *Systema Vegetabilium* [w JA Schultes]; edition 16 of C Linnaeus' 1735 Systema Naturae; Vols 1–4; (see JA Schultes);
desc *genus*:
Adenium [w JA Schultes] (Arabia, Socotra, se & tropical Africa) 1819;
desc *species*:
(Adenium) **obesum** [w JA Schultes] (Yemen, Uganda, Mozambique, Kenya, Tanzania) 1819,
(Cantua) **fasciculata** [w JA Schultes] (Hidalgo) 1819 —> **Fouquieria fasciculata** by

GV Nash 1903,
(Hydrophylax) **madagascariensis** [w JA Shultes] (Mada, Tanzania) 1818 —> **Phylohydrax madagascariensis** by C Puff 1986,
(Tula) **adansonii** (Peru) [w JA Schultes] 1819 (na M Adanson) —> **Nolana adansonii** by IM Johnston 1936;
transfer *species*:
"Anthericum favosum" (CP Thunberg 1800) —> **Bulbine favosa** [w JA Schultes] 1829,
"Anthericum latifolium" (C von Linne *fil.* 1781) —> **Bulbine latifolia** [w JA Schultes] 1829,
"Anthericum nutans" (NJ von Jacquin 1787) —> **Bulbine nutans** [w JA Schultes] 1829,
"Nerium obesum" (P Forsskal 1775) —> **Adenium obesum** [w JA Schultes] 1819.

†**Roemer**, [Römer,] Richard Christian (17 Dec 1940–2005); Polish/Ger w special interest in Echinocereus; IOS member 1996;
Book [2001] *Die Echinocereen der Baja Calif* [w A & M Ohr & GRW Frank] Hirschberg; 341p.

†**Roeper**, [Röper,] (Prof) (Dr med) Johannes August Christian (25 Apr 1801–17 Mar 1885); {Roep.}; Ger physician & botanist;
MD at Gottingen Univ 1823; student of AP de Candolle; prof of botany at Basel Univ 1826–36 & at Rostock Univ 1836~; first author to use flower diagrams;
Book [1824] *Enumeratio Euphorbiarum Quae in Germania et Pannomia Gignuntur* Gottingen, Ger; Latin; 68p.

Roessler, Helmut (1926–); {Roessler}; Austrian;
transfer *species*:
"Didelta tomentosa" (CF Lessing 1832) —> **Didelta carnosa** var **tomentosa** 1959.

†**Roezl**, Benedikt [Benedict, Benito] (13 Aug 1823–14 Oct 1885); {Roezl}; Bohemian botanist, horticulturist & gardener; importer of cacti, orchids & lilies; collected in US, Cuba, Mex, Ecuador, Peru & Bolivia 1854–75; interested in orchids;
disc *species*:
(Agave) **schidigera** (Mex) 1860 (desc by AC Lemaire 1861) —> **Agave filifera** ssp **schidigera** by B Ullrich 1992;
desc *species*:
(Agave) **marmorata** (Puebla, Oaxaca) 1883,
(Ghiesbreghtia) **dentata** (Guerrero) 1861 (disc by him 1860) —> **Agave attenuata** ssp **dentata** by B Ullrich 2006.

†**Rogers**, Bertha (fl. 1928); collector of this species;
***species* nah:**
(Trichodiadema) **rogersiae** (Eastern Cape) (desc & nah by HML Bolus 1930).

†**Rogers**, (Revd) **Frederick** Arundel (3 Jan 1876–27 Jun 1944); {F.A.Rogers}; British

missionary & amateur botanist; MA at Oxford Univ, Eng 1904; to RSA 1904; Railway Chaplain at S African Railways 1904–25; collected in RSA, Namibia, Botswana, Zambia, Rhodesia, Belgian Congo & Bechuanaland 1904~; collected in Iraq 1929–30 & in Syria, Cyprus, Greece & Switzerland 1930;

***species* nah:**

(Mesemb) **fredericii** (Western Cape) (desc & nah by HML Bolus 1916) —> **Ruschia fredericii** by HML Bolus 1950,

(Mesemb) **rogersii** (desc & nah by S Schonland & A Berger 1910) —> **Delosperma rogersii** by HML Bolus 1929,

(Sterculia) **rogersii** (Limpopo, Zimbabwe) (desc & nah by NE Brown 1921);

disc *species*:

(Crassula) **rogersii** (Eastern Cape) (desc & nah by S Schonland 1907),

(Stapelia) **rogersii** (Botswana, RSA) (desc & nah by HML Bolus 1915) —> **Orbea rogersii** by PV Bruyns 2001.

Rogers, Ray; editor at Brooklyn Bot Garden;
Book [2006] *Crazy about Cactus & Succulents*; Eng; 120p; (editor of).

Rogozinski, Helmut; {Rogoz.}; Ger horticulturist at Cologne;
member of Ger Mamm Soc; specialist in Mamm;

desc *species*:

(Mamm) **duwei** [w PJ Braun] (Guanajuato) 1985 (disc by W Duwe 1983 & nah).

Rohde, J;
Book [1985] *Kakteenpflegetips* Berlin, Ger; Ger; 63p w 5 color plates.

†**Rohlena**, Josef [Joseph] (3 Jan 1874–26 Jan 1944); {Rohlena}; Czech botanist;

desc *variety*:

(Sedum alpestre var) **horakii** (Greece, Macedoni, Rumania, Bulgaria) 1904 (na B Horak) —> **Sedum grisebachii** var **horakii** by H 't Hart 1983.

†**Rohrbach**, Paul (9 Jun 1846–6 Jun 1871); {Rohrb.}; Ger botanist; studied sciences at Univ of Göttingen, Ger under AHR Grisebach;

desc *species*:

(Portulaca) **elatior** (Cuba, Curacao, Colombia, Venezuela, Brazil) 1872.

Rohweder, Otto (12 Nov 1919–); {Rohweder}; Switzerland;
collected in El Salvador 1950–51 & in Liberia 1955;

transfer *species*:

"Tradescantia glandulosa" (MA Seubert 1855) —> **Tripogandra glandulosa** 1956.

†**Rojas Acosta**, (Prof) Nicolás (10 Sep 1873–17 Apr 1946); {Rojas Acosta};

Argentine botanical scientist, naturalist & school teacher; Master Normal at Corrientes, Argentina;
desc *species*:

(Pereskia) **nemorosa** (Argentina, Brazil, Paraguay, Uruguay) 1897.

†**Roland-Gosselin**, Robert (4 Jul 1854–Aug 1925); {Rol.-Goss.}; French botanist & succ researcher; edited & pub some works of FAC Weber after his death;
Book [1905] *Zwölf Aufsätze von F.A.C. Weber über Kakteen und Agaven in Verschiedenen Botanische Zeitschriften aus den Jahren 1892–1902* = "Collected miscellaneous papers by Weber"; French w introduction in Ger/Eng; (reprint 2000 w 160 p);
***species* nah:**

(Opuntia) **gosseliniana** (Sonora) (desc & nah by FAC Weber 1902 & disc by L Diguet 1897);
desc *species*:

(Cereus) **chende** (Puebla, Oaxaca) 1905 (disc by L Diguet c1904) —> **Polaskia chende** by AC Gibson & KE Horak 1979,

(Cereus) **chichipe** (Puebla, Oaxaca) 1905 (disc by L Diguet c1904) —> **Polaskia chichipe** by C Backeberg 1951,

(Cereus) **dybowskii** (Bahia) 1908 (disc by J Dybowski & nah) —> **Espostoopsis dybowskii** by F Buxbaum 1968,

(Cereus) **stenopterus** (Costa Rica) 1902 (disc by A Tonduz 1898) —> **Hylocereus stenopterus** by NL Britton & JN Rose 1909,

(Cereus) **viperinus** [w FAC Weber] (Puebla, Morelos, Oaxaca) 1904 (disc by L Diguet) —> **Peniocereus viperinus** by KG Kreuzinger 1935,

(Opuntia) **velutina** (Puebla, Oaxaca, Guerrero, Morelos) 1904,

(Pilocereus) **alensis** (Mex) 1905 (disc by L Diguet) —> **Pilosocereus alensis** by RS Byles & GD Rowley 1957,

(Rhipsalis) **himantoclada** (Costa Rica, Panama) 1909 (disc by C Werckle 1907) —> **Pseudorhipsalis himantoclada** by NL Britton & JN Rose 1923;
transfer *species*:

"Cactus icosagonus" (CS Kunth 1823) —> **Cleistocactus icosagonus** 1904,

"Cactus sepium" (CS Kunth 1823) —> **Cleistocactus sepium** 1904,

"Cereus hyalacanthus" (KM Schumann 1897) —> **Cleistocactus hyalacanthus** 1904,

"Cereus laniceps" (KM Schumann 1897) —> **Cleistocactus laniceps** 1904,

"Cereus parviflorus" (KM Schumann 1897) —> **Cleistocactus parviflorus** 1904.

†**Rolfe**, Robert Allen (12 May 1855–13 Apr 1921); {Rolfe}; Eng gardener & botanist; gardener at & first taxonomist of orchids for Kew 1879~; worked w JD Hooker;
desc *species*:

(Kalanchoe) **densiflora** (central & eastern Africa) 1919,

(Mesemb) **dichroum** (RSA) 1920 —> **Ruschia dichroa** by HML Bolus 1929,

(Mesemb) **tuberculosum** (Eastern Cape) 1916 —> **Faucaria tuberculosa** by MHG Schwantes 1926.

†**Rollerson**, [née Chapman,] **Grace** Edith (10 Jun 1921–18 Feb 1998); Canadian horticulturist in British Columbia; hobbyist of c&s; co-founded Burnaby C&S Club 1967 & Desert Plant Club 1968; founder & editor of international publication *Cactus & Succ Information Exchange* [CSIE] 1968 to 1986 [publication ceased]; CSSA Superior Service award 1985; foreign vice-president of CSSGB; honorary life member of Burnaby C&S Club, Desert Plant Soc of Vancouver 1981 & of Toronto C&SS; spouse Norm Rollerson;
Book [1992] *Picture Book of C&S* Victoria, British Columbia, Canada; Eng; 136p.

†**Rollins**, (Dr) **Reed** Clark [Clarke] (7 Dec 1911–28 Apr 1998); {Rollins}; US botanist; PhD at Harvard Univ 1941; curator at Dudley Herbarium, Stanford Univ, Calif 1940–48; dir of Gray Herbarium at Harvard Univ 1948–78; founding member of International Association of Plant Taxonomy 1950 & 2nd pres; founding member of Organization for Tropical Studies 1963 & 2nd pres; member of committee for bot nomenclature 1954~; explored in Mex 1938~; spouse Kathryn Rollins;
desc *species*:
(Jatropha) **cuneata** [w IL Wiggins] (Arizona, Sonora) 1943,
(Opuntia) **reflexispina** [w IL Wiggins] (Sonora) 1943 (disc by them 1941) —> **Corynopuntia reflexispina** by C Backeberg 1958.

†**Romer**, [Römer,] Richard Christian (17 Dec 1940-28 Dec 2005); Ger cactus collector; specialized in Mex cacti, especially Echinocereus;
desc *species*:
(Echinocereus) **bonatzii** (Durango) 1995 (disc by H-J Bonatz 1993 & nah) —> **Echinocereus pamanesii** ssp **bonatzii** by RC Romer 1998.

Romero, A
Book [1988] *Aprovechiamento del Maguey y del Nopal* Axapusco.

Romero, Rob;
Book [2015] *Field Guide to Cacti & Other Succulents of Arizona* [w P Breslin, G Starr & V Watkins] Tucson, Arizona; Eng; 302p w many color photos; (2nd edition 2017 w 302p & 417 color photos, 29 maps).

Romig, M;
Book [1992] *Alles über Kakteen* [w H Dopp, M Hartwig, E Kleiner & U Bauer] Offenburg; 66p.

†**Ronald**, (Mr) ? (fl. 1932);
***species* nah:**
(Stomatium) **ronaldii** (Eastern Cape) (desc & nah by HML Bolus 1932).

†**Rood**, [née van Rhyn] Petrusa Benjamina (26 Aug 1861–21 Jun 1946); Vanrhynsdorp, RSA; succ plant collector; sent plants & seeds to NE Brown, IB Pole Evans, NS Pillans & TN Leslie;

***species* nah:**
(Rimaria) **roodiae** (Northern Cape) (desc & nah by NE Brown 1926) —> **Vanheerdea roodiae** by HEK Hartmann 1992;
disc *species*:
(Conophytum) **roodiae** (Little Namaq) c1924 (desc & nah by NE Brown 1926).

†**Rooksby**, [née Knoll,] Ellen Maria (13 Apr 1873–2 Dec 1952); US horticulturist; graduate at Cornell College, Mount Vernon, Iowa 1896; high school teacher in US 1896–1902 & in Philippines 1902–08; government worker in DC later; founder & editor of *Desert Plant Life* magazine 1929~, which ceased upon her death; first spouse Emerald Mark Sollars (–1908); second spouse Herbert Spencer Rooksby (1871–1949), road engineer;
***genus* nah:**
Rooksbya (Mex) (desc & nah by C Backeberg 1960) (syn of Neobuxbaumia BACKEBERG).

Roosli, [Röösli,] Walter; {Roosli}; Switzerland; collected in Mada 1988, 1992 & 1993; IOS member 1991;
Book [1999] *Pachypodium (Apocynaceae) Taxonomy, Habitats & Cultivation* [w JJ Lavranos, AJM Leeuwenberg & SHJ Rapanarivo] Rotterdam, Netherlands ; Eng; 120p,
[2018] *Pachypodium in Mada* Stamford, Eng; Eng; 172p w 211 color photos & 24 maps & 21p of scientific drawings;
***species* nah:**
(Uncarina) **roeoesliana** (Mada) (desc & nah by WHH Rauh 1995);
disc *species*:
(Aloe) **fragilis** [w JJ Lavranos & R Hoffmann] (Mada) 1993 (desc by JJ Lavranos & W Roosli 1994),
(Aloe) **hoffmannii** [w R Hoffmann] (Mada) 1995 (desc by JJ Lavranos 2002 & na R Hoffmann),
(Aloe) **roeoeslii** [w R Hoffmann] (Mada) 2001 (desc & na W Roosli by JJ Lavranos & TA McCoy 2005),
(Pachypodium) **eburneum** [w R Hoffmann] (Mada) 1996 (desc by JJ Lavranos & SHJ Rapanarivo 1997) —> **Pachypodium rosulatum** var **eburneum** by GD Rowley 1998.

Rosas, Raul Acevedo; Veracruz, Mex;
desc *species*:
(Sedum) **meyranianum** [w J Metzger] (Jalisco) 1999 (na J Meyran).

Rose, George; father JN Rose;
disc *species*:
(Lemaireocereus) **godingianus** [w JN Rose] (Ecuador) 1918 (desc by NL Britton & JN Rose 1920 & na FW Goding)—> **Armatocereus godingianus** by EJ Salisbury 1947,
(Monvillea) **diffusa** [w JN Rose & A Pachano] (Ecuador, Peru) 1918 (desc by NL Britton & JN Rose 1920) —> **Praecereus euchlorus** ssp **diffuses** by NP Taylor 1997,

(Trichocereus) **pachanoi** [w JN Rose & A Pachano] (Ecuador) 1918 (desc by NL Britton & JN Rose 1920 & na A Pachano) —> **Echinopsis pachanoi** by H von Friedrich & GD Rowley 1974.

Rose, Henri [Henry]; French horticulturist; worked at Museum Nationale d'Histoire Naturelle; IOS member 1965;
Book [1958] *Cactees en Fleurs* Paris, France; French; 100p w 40 color photos by Janine Niepce; (translated to Eng 1961 by Alan Hull Walton as *Flowering Cacti* NYC w 100p & 39 color photos),
[1966] *Cactees et Plantes D'appartement* = "Cactus & Plants for the Apartment" [w illustrations by Annie le Faou] Paris; French; 160p,
[1967] *Natuurgids voor de Bladplanten, Cactussen en Vetplanten* Amsterdam; 159p w illustrations by Annie Le Faou ,
[1967] *House Plants & Cacti* London; Eng; 158p w 209 color illustrations by Annie Le Faou,
[1981] *Le Guide Familier des Cactées* Paris; 159p.

†**Rose**, (Dr) Joseph Nelson (11 Jan 1862–4 May 1928); {Rose}; US botanist & taxonomist; PhD at Wabash College, Indiana, 1889 w thesis on Umbellifereae of N Amer under leadership of JM Coulter; assistant botanist at USDA 1888–96; assistant curator (1894–1905) & associate curator (1905–12, again 1923~) at US Natl Museum & Herbarium, Smithsonian Institute; research associate at Carnegie Institution of DC 1912–23 while working as junior partner w NL Britton on *The Cactaceae* book project; his assistants were WR Fitch & PG Russell on this project; collected in Mex 1897, 1899, 1901, 1903, 1906, 1908, 1910, 1911; to Europe 1912 to study herbaria, bot gardens & private collections at Kew, Paris, La Mortola, Rome, Naples, Munich, Darmstadt, Erfurt, Halle, Dahlem & Antwerp; collected in West Indies 1913, Peru, Bolivia & Chile 1914, Brazil & Argentina 1915, Venezuela 1916, Ecuador 1918, sw US c1918–20; prolific writer; collected at times w spouse LB Rose;
Book [1905] *N Amer Flora (Crassula, Echeveria, Dudleya & Sedum**,
[1,919–23] *The Cactaceae* (4 Vols)*;
[*w (see) NL Britton]
genera nah:
Roseocactus (desc & nah by A Berger 1925) (syn of Ariocarpus SCHEIDWEILER),
Roseocereus (Bolivia) (desc & nah by C Backeberg 1938) (syn of Harrisia BRITTON);
[See listing under NL Britton for genera & species desc by both NL Britton & JN Rose.]
desc *genera* (w/o NL Britton):
Byrnesia 1922 (na EM Byrnes) (syn of Graptopetalum ROSE),
Calibanus (Mex) 1906,
Cremnophila (Mex) 1905,
Coulterella [w G Vasey] (Baja Calif) 1890 (na JM Coulter),
Escontria (Guerrero, Michoacan, Oaxaca Puebla) 1906 (na DB Escontria),
Graptopetalum (Sonora, Chihuahua to Oaxaca) 1911,
Hasseanthus 1903 (syn of Dudleya B&R),

Lenophyllum (Texas, Mex) 1904,
Manfreda (Texas down eastern Mex into Guatemala) 1899,
Sedastrum (Mex) 1905 (syn of Sedum LINNAEUS),
Tumamoca (US, Mex) 1912,
Villadia (Texas, Chihuahua to Chiapas, Guatemala, Peru) 1903 (na MM Villada);
***species* nah:**
(Agave) **roseana** (Baja Calif) (desc & nah by WA Trelease 1912) —> **Agave sobria** ssp **roseana** by HS Gentry 1978,
(Agave) **rosei** (Nayarit) (desc & nah by J Thiede & U Eggli 1999),
(Eccremocactus) **rosei** (Ecuador) (desc & nah by MW Kimnach 1962 & disc by C Horich 1958) —> **Weberocereus rosei** by F Buxbaum 1978,
(Echinocactus) **roseanus** (Nuevo Leon, Coahuila) (desc & nah by F Boedecker 1928) —> **Acharagma roseanum** by EF Anderson 1999,
(Kalanchoe) **rosei** (Mada) (desc & nah by Raymond-Hamet & JMH Perrier de la Bathie 1914),
(Peniocereus) **rosei** (Sinaloa) (desc & nah by J Gonzalez Ortega 1926);
disc *species* (w/o NL Britton):
(Acanthocereus) **albicaulis** [w PG Russell] (Brazil) 1915 (desc by NL Britton & JN Rose 1920) —> **Cereus albicaulis** by P von Luetzelburg 1926,
(Acanthocereus) **braziliensis** (Brazil) 1915 (desc by NL Britton & JN Rose 1920) —> **Pseudoacanthocereus brasiliensis** by F Ritter 1979,
(Cactus) **bahiensis** [w PG Russell] (Brazil) 1915 (desc by NL Britton & JN Rose 1922) —> **Melocactus bahiensis** by P von Luetzelburg 1926,
(Cactus) **zehntneri** [w PG Russell] (Bahia) 1915 (desc by NL Britton & JN Rose 1922) —> **Melocactus zehntneri** by P von Lutzelburg 1926,
(Cephalocereus) **brasiliensis** [w PG Russell] (Rio de Janeiro) 1915 (desc by NL Britton & JN Rose 1920) —> **Pilosocereus brasiliensis** by C Backeberg 1960,
(Cephalocereus) **smithianus** [w LB Rose] (Venezuela) 1916 (desc by NL Britton & JN Rose 1920 & na CC Smith) —> **Praecereus euchlorus** ssp **smithianus** by NP Taylor 1997,
(Copiapoa) **megarhiza** (Chile) 1914 (desc by NL Britton & JN Rose 1922),
(Coryphantha) **pallida** (Puebla) 1901 (desc by NL Britton & JN Rose 1923),
(Echeveria) **harmsii** [w RH Hay] (Oaxaca) c1930 (desc by JF Macbride 1931 & na HAT Harms),
(Echinocactus) **almosanus** (Sonora, Sinaloa, Chihuahua) 1910 (desc by NL Britton & JN Rose 1913) —> **Ferocactus almosanus** by NL Britton & JN Rose 1922,
(Echinocereus) **barthelowanus** (Magdalena Island off Baja Calif Sur) 1911 (desc by NL Britton & JN Rose 1920 & na B Barthelow),
(Echinocereus) **fitchii** (Texas into Nuevo Leon & Tamaulipas) 1913 (desc by NL Britton & JN Rose 1922 & na WR Fitch) —> **Echinocereus reichenbachii** ssp **fitchii** by N P Taylor 1997,
(Echinocereus) **grandis** (San Esteban Island) 1911 (desc by NL Britton & JN Rose 1922),
(Echinocereus) **perbellus** [w PC Standley] (Texas, Oklahoma, Colorado, New Mex) 1910 (desc by NL Britton & JN Rose 1922) —> **Echinocereus reichenbachii** ssp **perbellus** by

NP Taylor 1997,

(Echinocereus) **scopulorum** [w PC Standley & PG Russell] (Sonora) 1910 (desc by NL Britton & JN Rose 1922),

(Echinopsis) **aurea** (Argentina) 1915 (desc by NL Britton & JN Rose 1922),

(Ferocactus) **santa-maria** (Magdalena Island) 1913 (desc by NL Britton & JN Rose 1922),

(Ferocactus) **townsendianus** (San Jose Island) 1911 (desc by NL Britton & JN Rose 1922 & na CHT Townsend),

(Fouquieria) **burragei** (Baja Calif) 1911 (na GH Burrage),

(Hatiora) **cylindrica** (Rio de Janeiro, Bahia) 1915 (desc by NL Britton & JN Rose 1923),

(Lemaireocereus) **cartwrightianus** (Ecuador, Peru) 1918 (desc by NL Britton & JN Rose 1920 & na A Cartwright) —> **Armatocereus cartwrightianus** by AW Hill 1938.

(Lemaireocereus) **godingianus** [w G Rose] (Ecuador) 1918 (desc by NL Britton & JN Rose 1920 & na FW Goding)—> **Armatocereus godingianus** by EJ Salisbury 1947,

(Lemaireocereus) **montanus** [w PC Standley & PG Russell] (Sonora) 1910 (desc by NL Britton & JN Rose 1920) —> **Stenocereus montanus** by F Buxbaum 1961,

(Lemaireocereus) **treleasei** (Oaxaca) 1906 (desc by NL Britton & JN Rose 1909 & na WA Trelease) —> **Stenocereus treleasei** by C Backeberg 1951,

(Lenophyllum) **guttatum** (Mex) 1904,

(Lobivia) **ferox** (Bolivia) 1914 (desc by NL Britton & JN Rose 1922) —> **Echinopsis ferox** by C Backeberg 1934,

(Lobivia) **pampana** (Peru) 1914 (desc by NL Britton & JN Rose 1922) —> **Echinopsis pampana** by DR Hunt 1991,

(Mamm) **arida** (Baja Calif) 1911 (desc by L Quehl 1913) —> **Mamm petrophila** ssp **arida** by DR Hunt 1998,

(Mamm) **camptotricha** [w JH Painter] (Queretaro) 1905 (desc by E Dams 1906) —> **Mamm decipiens** ssp **camptotricha** by DR Hunt 1997,

(Mamm) **painteri** (Queretaro) 1905 (desc by L Quehl 1917 & na JH Painter),

(Mila) **caespitosa** (Peru) 1914 (desc by NL Britton & JN Rose 1922),

(Monvillea) **diffusa** [w A Pachano & G Rose] (Ecuador, Peru) 1918 (desc by NL Britton & JN Rose 1920) —> **Praecereus euchlorus** ssp **diffuses** by NP Taylor 1997,

(Neomammillaria) **albicans** (Santa Cruz & San Jose Islands of Baja Calif) 1911 (desc by NL Britton & JN Rose 1923) —> **Mamm albicans** by ABerger 1929,

(Neomammillaria) **fraileana** (Pichilinque, Cerralboa, Santa Catalina Islands of Baja Calif) 1911 (desc by NL Britton & JN Rose 1923 & na M Fraile) —> **Mamm albicans** ssp **fraileana** by DR Hunt 1997,

(Neomammillaria) **jaliscana** [w JH Painter] (Jalisco) 1903 (desc by NL Britton & JN Rose 1923) —> **Mamm jaliscana** by F Boedeker 1933,

(Neomammillaria) **peninsularis** (Baja Calif) 1911 (desc by NL Britton & JN Rose 1923) —> **Mamm peninsularis** by CR Orcutt 1926,

(Neomammillaria) **pygmaea** (Queretaro) 1905 (desc by NL Britton & JN Rose 1923) —> **Mamm pygmaea** by A Berger 1929,

(Neomammillaria) **scrippsiana** [w JH Painter] (Jalisco) 1903 (desc by NL Britton & JN Rose 1923 & na EW Scripps) —> **Mamm scrippsiana** by CR Orcutt 1926,

(Neomammillaria) **sheldonii** [w PG Russell & PC Standley] (Sonora) 1910 (desc by NL Britton & JN Rose 1923 & na C Sheldon) —> **Mamm grahamii** ssp **sheldonii** by DR Hunt 2005,

(Neomammillaria) **standleyi** [w PG Russell & PC Standley] (Sonora) 1910 (desc by NL Britton & JN Rose 1923 & na PC Standley) —> **Mamm standleyi** by CR Orcutt 1926,

(Opuntia) **caribaea** [w WR Fitch & PG Russell] (Netherland Antilles, Dominican Rep, Haita, Trinidad, Tobago, Venezuela) 1913 (desc by NL Britton & JN Rose 1919) —> **Cylindropuntia caribaea** by FM Knuth 1936.

(Opuntia) **palmadora** [w PG Russell] (Brazil) 1915 (desc by NL Britton & JN Rose 1919) —> **Tacinga palmadora** by WH Stuppy & NP Taylor 2002,

(Opuntia) **soederstromiana** (Ecuador) 1918 (desc by NL Britton & JN Rose 1919 & na L Soderstrom),

(Opuntia) **soehrensii** (Peru, Bolivia, Argentina, Chile) 1914 (desc by NL Britton & JN Rose 1919 & nah J Sohrens) —> **Tunilla soehrensii** by DR Hunt & J Iliff 2000,

(Pachycereus) **grandis** (Morelos, Puebla, Oaxaca) 1906 (desc by him 1909),

(Rhipsalis) **burchellii** (Sao Paulo) 1915 (desc by NL Britton & JN Rose 1923 & na WJ Burchell),

(Rhipsalis) **campos-portoana** [w P de Campos-Porto] (Brazil) 1915 (desc by A Lofgren 1918 & na P Campos Porto),

(Rhipsalis) **oblonga** (Brazil) 1918 (disc by him & A Lofgren 1915),

(Rhipsalis) **pacheco-leonis** [w P de Campos-Porto] (Rio de Janeiro) 1915 (desc by A Lofgren 1918 & & na A Pacheco Leao),

(Rhipsalis) **russellii** [w PG Russell] (Brazil) 1915 (desc by NL Britton & JN Rose 1923 & na PG Russell),

(Samaipaticereus) **corroanus** (Santa Cruz B) 1915 (desc by M Cardenas 1952 & na A Corro),

(Trichocereus) **cuzcoensis** (Peru) 1914 (desc by NL Britton & JN Rose 1920) —> **Echinopsis cuzcoensis** by H von Friedrich & GD Rowley 1974,

(Trichocereus) **pachanoi** [w A Pachano & G Rose] (Ecuador) 1918 (desc by NL Britton & JN Rose 1920 & na A Pachano) —> **Echinopsis pachanoi** by H von Friedrich & GD Rowley 1974,

(Trichocereus) **peruvianus** [w LB Rose] (Peru) 1914 (desc by NL Britton & JN Rose 1920) —> **Echinopsis peruviana** by H von Friedrich & GD Rowley 1974;

desc *species* (w/o NL Britton):

(Altamiranoa) **goldmanii** (Guanajuato, Hidalgo, Michoacan, state of Mex, Morelos, Puebla, Tlaxcala) 1903 (na EA Goldman) —> **Sedum goldmanii** by RV Moran 1996,

(Altamiranoa) **scopulina** (Puebla) 1903 —> **Sedum scopulinum** by RV Moran 1996,

(Beaucarnea) **goldmanii** (Chiapas, Guatemala) 1909 (na EA Goldman),

(Beschorneria) **rigida** (Tamaulipas, San Luis Potosi, Puebla, Guanajuato) 1902,

(Byrnesia) **weinbergii** 1922 (na F Weinberg),

(Calibanus) **caespitosus** 1906,

(Cremnophila) **nutans** (Morelos) 1905 (disc by CG Pringle 1903),

(Coulterella) **capitata** [w G Vasey] (Baja Calif) 1890.

(Dudleya) **abramsii** (Calif, Baja Calif) 1903 (disc by LR Abrams & nah),
(Dudleya) **acuminata** (Baja Calif, Cedros Island) 1903 (disc by CR Orcutt 1903),
(Dudleya) **albiflora** (Baja Calif & islands Cedros, Natividad, Espiritu Santo) 1903 (disc by T S Brandegee 1902),
(Dudleya) **aloides** (Calif, Baja Calif) 1903 (disc by TS Brandegee 1894) —> **Dudleya saxosa** ssp **aloides** by RV Moran 1957,
(Dudleya) **anthonyi** (Baja Calif & island Santa Marta) 1903 (disc by AW Anthony 1896 & nah),
(Dudleya) **arizonica** (Calif, Nevada, Arizona) 1923 —> **Dudleya pulverulenta** ssp **arizonica** by RV Moran 1943,
(Dudleya) **brevipes** (Baja Calif) 1903 (disc by CR Orcutt 1903),
(Dudleya) **candelabrum** (Calif islands Santa Cruz & Santa Rosa) 1903 (disc by EL Greene 1886),
(Dudleya) **cultrata** (Baja Calif islands San Quintín & San Martín) 1903,
(Dudleya) **greenei** (Calif islands San Miguel, Santa Rosa & Santa Cruz) 1903 (disc by EL Greene & nah),
(Dudleya) **ingens** (Baja Calif) 1903,
(Dudleya) **parva** [w A Davidson] (Calif) 1923 —> **Dudleya abramsii** ssp **parva** by JA Bartel 1991,
(Dudleya) **pauciflora** (Baja Calif) 1903 (disc by TS Brandegee 1893),
(Dudleya) **pumila** (Calif) 1903 —> **Dudleya cymosa** ssp **pumila** by KM Nakai 1988,
(Dudleya) **rigida** (Baja Calif) 1903 (disc by JE McClellan c1896),
(Dudleya) **rigidiflora** (Baja Calif) 1903,
(Echeveria) **australis** (Panama, Honduras, Costa Rica) 1903,
(Echeveria) **byrnesii** (México) 1905 (disc by JN Rose & JH Painter 1903 & na EM Byrnes) —> **Echeveria secunda** fa **byrnesii** by MW Kimnach 1998,
(Echeveria) **crenulata** (Morelos) 1911 (disc by JN Rose & JH Painter 1903),
(Echeveria) **cuspidata** (Coahuila, Nuevo Leon) 1903 (disc by E Palmer 1902),
(Echeveria) **elegans** (Guanajuato, Queretaro, Hidalgo, San Luis Potosi) 1905 (disc by JN Rose 1901),
(Echeveria) **gigantea** [w CA Purpus] (Puebla, Oaxaca) 1910,
(Echeveria) **goldmanii** (Chiapas) 1905 (na EA Goldman),
(Echeveria) **guatemalensis** (Guatemala, Honduras, Nicaragua) 1909 (disc by WR Mason 1905),
(Echeveria) **heterosepala** (Puebla) 1903,
(Echeveria) **humilis** (Hidalgo, Queretaro, Guanajuato, San Luis Potosi) 1903,
(Echeveria) **lozanoi** (Jalisco) 1905 (disc by CG Pringle & FL Lozano 1903 & na FL Lozano,
(Echeveria) **lutea** (San Luis Potosi) 1911 (disc by CA Purpus 1910),
(Echeveria) **maculata** (Michoacan, Hidalgo, Queretero, Zacatecas, San Luis Potosi, Jalisco) 1903 (disc by JN Rose 1901) —> **Echeveria paniculata** var **maculata** by MW Kimnach 1998,
(Echeveria) **maxonii** (Guatemala, Honduras) 1909 (na WR Maxon),
(Echeveria) **minutiflora** (Guerrero Morelos, Puebla, Veracruz, Oaxaca, state of Mex) 1903 (disc by CG Pringle 1897) —> **Thompsonella minutiflora** by NL Britton & JN Rose 1909,

(Echeveria) **montana** (Oaxaca, Chiapas) 1903 (disc by CG Pringle 1894),
(Echeveria) **multicaulis** (Guerrero) 1905,
(Echeveria) **obtusifolia** (Morelos, Michoacan) 1903 (disc by CG Pringle 1899) —> **Echeveria fulgens** var **obtusifolia** by MW Kimnach 1998,
(Echeveria) **pinetorum** (Chiapas, Oaxaca) 1905,
(Echeveria) **pittieri** (Guatemala, Nicaragua, Costa Rica) 1911 (disc by HF Pittier & nah),
(Echeveria) **platyphylla** (México, Hadalgo) 1903 (disc by JN Rose 1901),
(Echeveria) **pulvinata** (Oaxaca) 1903 (disc by JN Rose & W Hough 1899),
(Echeveria) **rubromarginata** (Veracruz, Puebla) 1905 (disc by CA Purpus 1903),
(Echeveria) **sessiliflora** (Chiapas) 1905,
(Echeveria) **setosa** [w CA Purpus] (Puebla) 1910 (disc by CA Purpus c1913),
(Echeveria) **simulans** (Nuevo Leon) 1905 (disc by CA Purpus 1903),
(Echeveria) **subalpina** [w CA Purpus] (Veracruz, Puebla, Tlaxcala) 1910.
(Echeveria) **tenuis** (Zacatecas) 1903 (disc by JN Rose 1897),
(Echeveria) **tolucensis** (México) 1905 (disc by JN Rose & JH Painter 1903),
(Echeveria) **trianthina** (Hidalgo) 1909 (disc by CA Purpus 1905),
(Echeveria) **turgida** (Coahuila) 1905 (disc by CA Purpus 1904),
(Echeveria) **walpoleana** (San Luis Potosi, Nuevo Leon, Hidalgo, Tamaulipas) 1905 (disc by E Palmer 1903 & na FA Walpole),
(Echeveria) **whitei** (La Paz, Cochabamba) 1925 (na OE White),
(Echinocereus) **baileyi** (Oklahoma, Texas) 1909 (disc by VO Bailey 1906 & nah) —> **Echinocereus reichenbachii** ssp **baileyi** by NP Taylor 1997,
(Echinopsis) **pugionacantha** [w F Boedeker] (Bolivia, Argentina) 1931 (disc by F Ritter 1931),
(Elaphrium) **microphyllum** (Arizona, Baja Calif, Sonora) —> **Bursera microphylla** by A Gray,
(Fouquieria) **burragei** (Baja Calif) 1911,
(Gormania) **retusa** (Calif) 1903 —> **Sedum obtusatum** ssp **retusum** by RT Clausen 1975,
(Graptopetalum) **bartramii** (Arizona, Chihuahua) 1926 (na EB Bartram),
(Graptopetalum) **pachyphyllum** (Queretaro, Guanajuato, Hidalgo, Zacatecas, San Luis Potosi, Jalisco) 1922 (disc by him 1905),
(Graptopetalum) **pusillum** (Durango) 1911,
(Hasseanthus) **multicaulis** (Calif) 1903 —> **Dudleya multicaulis** by RV Moran 1953,
(Lenophyllum) **acutifolium** (Nuevo Leon, Coahuila, Tamaulipas) 1904,
(Manfreda) **jaliscana** (Sonora, Jalisco, Michoacan) 1903 —> **Agave jaliscana** by A Berger 1915,
(Nopalea) **guatemalensis** (Guatemala) 1907,
(Nopalea) **lutea** (Guatemala, Honduras, Nicaragua) 1909 (disc in 1907),
(Opuntia) **depressa** (Guerrero, Morelos, Oaxaca, Puebla, Tlaxcala) 1908 (disc by him 1905),
(Opuntia) **kunzei** (Baja Calif, Sonora, Arizona) 1908 (disc by RE Kunze 1904 & nah) —> **Corynopuntia kunzei** by MP Griffith 2002,
(Opuntia) **megarrhiza** (San Luis Potosi) 1906 (disc by E Palmer 1905),
(Opuntia) **vilis** (Zacatecas, Durango, Coahuila, San Luis Potosi) 1909 (disc by FE Lloyd 1907)

—> **Corynopuntia vilis** by FM Knuth 1936,
(Pachyphytum) **amethystinum** (Durango, Jalisco, Sinaloa) 1905 —> **Graptopetalum amethystinum** by EE Walther 1931,
(Pachyphytum) **brevifolium** (Guanajuato) 1905,
(Pachyphytum) **compactum** (Queretaro, Hidalgo) 1911 (disc by CA Purpus 1910),
(Pachyphytum) **longifolium** (Hidalgo) 1905 (disc by CA Purpus 1904),
(Pereskiopsis) **kellermanii** (Guatemala, Campeche, Chipas, Morelos, Oaxaca, Veracruz, Yucatan) 1907 (na WA Kellerman),
(Polianthes) **graminifolia** (Jalisco, Zacatecas, Aguascalientes) 1903 —> **Agave duplicata** ssp **graminifolia** by J Thiede & U Eggli 1999,
(Polianthes) **palustris** (Nayarit) 1903 —> **Agave palustris** by J Thiede & U Eggli 1999,
(Polianthes) **platyphylla** (Durango, Zacatecas, Jalisco) 1903 —> **Agave platyphylla** by J Thiede & U Eggli 1999,
(Runyonia) **longiflora** (Texas, Tamaulipas) 1922 —> **Agave longiflora** by GD Rowley 1977,
(Sedastrum) **glabrum** (Coahuila, San Luis Potosi) 1905 —> **Sedum glabrum** by RL Praeger 1921,
(Sedum) **allantoides** (Oaxaca) 1909 (disc by CA Purpus 1907),
(Sedum) **australe** (Guatemala) 1903,
(Sedum) **calcaratum** (Hidalgo) 1903,
(Sedum) **clavifolium** (Mex) 1911,
(Sedum) **compactum** (Oaxaca) 1911,
(Sedum) **compressum** (Tamaulipas) 1909,
(Sedum) **conzattii** (Oaxaca) 1903 (na C Conzatti),
(Sedum) **delicatum** (Mex) 1911 —> **Sedum minimum** ssp **delicatum** by RT Clausen 1959,
(Sedum) **flaccidum** (Durango) 1911,
(Sedum) **frutescens** (Morelos) 1911,
(Sedum) **griffithsii** (Arizona, Mex) 1905 (na D Griffiths),
(Sedum) **guttatum** (Nuevo Leon, Coahuila) 1903 —> **Lenophyllum guttatum** by JN Rose 1904,
(Sedum) **hemsleyanum** (Hidalgo, Morelos, Puebla, Guerrero, Oaxaca) 1903 (na WB Hemsley),
(Sedum) **humifusum** (Queretaro) 1911,
(Sedum) **lenophylloides** (Nuevo Leon) 1911,
(Sedum) **longipes** (Mex) 1903,
(Sedum) **mellitulum** (Chihuahua) 1911,
(Sedum) **minimum** (Mex) 1903,
(Sedum) **muscoideum** (Oaxaca) 1903,
(Sedum) **oaxacanum** (Oaxaca) 1911,
(Sedum) **oxycoccoides** (Nayarit) 1903,
(Sedum) **pachyphyllum** (Oaxaca) 1911,
(Sedum) **potosinum** (San Luis Potosi) 1911,
(Sedum) **rhodocarpum** (Nuevo Leon, Tamaulipas) 1911,
(Sedum) **semiteres** (Durango) 1911,

(Sedum) **treleasei** (Puebla) 1911 (na WA Trelease),
(Sedum) **tuberculatum** (Oaxaca) 1897,
(Setcreasea) **pallida** (Tamaulipas to Yucatan) 1911 —.> **Tradescantia pallida** by DR Hunt 1975,
(Stylophyllum) **densiflorum** (Calif) 1903 —> **Dudleya densiflora** by RV Moran 1943,
(Stylophyllum) **hassei** (Calif island Santa Catalina) 1903 (na HE Hasse) —> **Dudleya virens** ssp **hassei** by RV Moran 1995,
(Stylophyllum) **insulare** (Calif island Santa Catalina) 1903 —> **Dudleya virens** ssp **insularis** by RV Moran 1995,
(Stylophyllum) **orcuttii** (Calif, Baja Calif & island Coronados) 1903 (na CR Orcutt) ,—> **Dudleya attenuata** ssp **orcuttii** by RV Moran 1943,
(Stylophyllum) **traskiae** (Calif island Santa Barbara) 1903 (na B Trask) —> **Dudleya traskiae** by RV Moran 1943,
(Stylophyllum) **virens** (Calif island Santa Catalina) 1903 —> **Dudleya virens** by RV Moran 1943,
(Talinum) **cymbosepalum** [w PC Standley] (Oaxaca) 1911,
(Talinum) **multiflorum** [w PC Standley] (Durango) 1911,
(Talinum) **palmeri** [w PC Standley] (Durango) 1911 (na E Palmer),
(Talinum) **parvulum** [w PC Standley] (Durango) 1911,
(Terebinthus) **arida** (Puebla) 1906 —> **Bursera arida** by PC Standley 1929,
(Thompsonella) **platyphylla** (Guerrero, Puebla) 1909 (disc by CG Pringle 1907),
(Tillaeastrum) **longipes** (Florida, Louisiana, Texas, Mex, Paraguay, Argentina) 1911 —> **Crassula longipes** by M Bywater & GE Wickens 1984,
(Tumamoca) **macdougalii** (Arizona, Sonora) 1912 (na DT MacDougal),
(Villadia) **cucullata** (Nuevo Leon, Coahuila) 1903,
(Villadia) **diffusa** (Chiapas) 1911,
(Villadia) **guatemalensis** (Guatemala, Oaxaca) 1909 (disc by WR Maxon & RH Hay),
(Villadia) **imbricata** (Puebla, Oaxaca) 1903,
(Villadia) **minutiflora** (Oaxaca) 1903,
(Villadia) **nelsonii** (Guerrero, Oaxaca) 1903 (disc by EW Nelson & EA Goldman 1894 & na EW Nelson),
(Villadia) **painteri** (Zacatecas, Jalisco, Guanajuato) 1905 (na JH Painter),
(Villadia) **pringlei** (Chihuahua, Durango) 1903 (na CG Pringle),
(Villadia) **squamulosa** (Texas, Chihuahua, Coahuila, Zacatecas) 1903,
(Villadia) **stricta** (Zacatecas) 1905;

transfer *species* (w/o NL Britton):
“Cereus chiotilla” (KM Schumann 1897) —> **Escontria chiotilla** 1906,
"Cotyledon albiflora" (WB Hemsley 1878) —> **Villadia albiflora** 1905,
"Cotyledon pringlei" (S Watson 1890) —> **Echeveria pringlei** 1903,
“Cotyledon rusbyi” (EL Greene 1883) —> **Graptopetalum rusbyi** 1924,
“Cotyledon schaffneri” (S Watson 1882) —> **Echeveria schaffneri** 1903,
“Cotyledon subrigida” (BL Robinson & HE Seaton 1893) —> **Echeveria subrigida** 1903,
"Dasylirion inerme" (S Watson 1891) —> **Beaucarnea inermis** 1906,

"Dasylirion pliabile" (JG Baker 1880) —> **Beaucarnea pliabilis** 1906,
"Sedum texanum" (JG Smith 1895) —> **Lenophyllum texanum** 1904.

†**Rose**, [née Sims,] Lou Beatrice; collected at times w spouse JN Rose;
disc *species*:
(Cephalocereus) **smithianus** [w JN Rose] (Venezuela) 1916 (desc by NL Britton & JN Rose 1920 & na CC Smith) —> **Praecereus euchlorus** ssp **smithianus** by NP Taylor 1997,
(Trichocereus) **peruvianus** [w JN Rose] (Peru) 1914 (desc by NL Britton & JN Rose 1920) —> **Echinopsis peruviana** by H von Friedrich & GD Rowley 1974.

†**Rosendahl**, (Prof) (Dr) Carl Otto (24 Oct 1875–4 Mar 1956); {Rosend.}; US botanist; PhD at Berlin Univ, Ger 1905 as a student of HGA Engler; prof of botany at Univ of Minnesota, Minneapolis/St. Paul 1901~;
desc *variety*:
(Sedum rosea var) **leedyi** [w JW Moore] (Minnesota) 1947 (disc by JL Leedy 1936 & nah) —> **Rhodiola integrifolia** ssp **leedyi** by RV Moran 2000.

Rosenfeld, Richard;
Book [2000] *A Gardener's Guide to Cacti, Succulents and Foliage* London, Eng; Eng; 112p.

†**Rosengren**, (Capt) H; captain of ship that carried the Imperial Academy of Sciences of Vienna expedition to Socotra 1898–99;
***species* nah:**
(Caralluma) **rosengrenii** (Socotra) (desc & nah by FKM Vierhapper 1905 & disc by S Paulay 1899).

Rosenthal, (Dr) Gerald A; US botanist, biologist & biochemical entomologist; PhD in botany at Duke Univ 1966; retired prof of biological sciences & toxicology; studied Sonoran Desert for 10 yrs;
Book [2007] *Sonoran Desert Life: Understanding, Insights, and Enjoyment*; Eng; 306pg w over 800 color photos.

†**Rosny**, Léon Louis Lucien Prunol de (5 Apr 1837–28 Aug 1914); French botanist, sinologist & japanologist; prof of oriental languages; spouse Jeanne-Charlott [née Devaux] Rosny;
Book [1857] *L'Opuntia, ou Cactus Raquette de L'Algerie* Paris, France; 12p.

†**Ross**, (Mr) ? (fl. 1820); London, Eng; provided AH Haworth w seeds;
***species* nah:**
(Mesemb) **rossii** (Australia) (desc & nah by AH Haworth 1821) —> **Carpobrotus rossii** by MHG Schwantes 1928.

Ross, Erich (fl. 1960); worked on Mada botany in Heidelberg, Ger;
***species* nah:**

(Cynanchum) **rossii** (Mada) (desc & nah by WHH Rauh 1970),
(Euphorbia) **rossii** (Mada) (desc & nah by WHH Rauh & G Buchloh 1967).

†**Ross**, Georg (1887–14 Feb 1963); Ger horticulturist; owner of cactus nursery in Bad Krotzingen;
***variety* nah:**
(Tephrocactus pentlandii var) **rossianus** (Bolivia) (desc & nah by W Heinrich & C Backeberg 1953) —> **Cumulopuntia rossiana** by F Ritter 1980.

†**Ross**, Hermann (1862–1942); Ger botanist;
Book [1896] *Icones et Descriptiones Plantarum Novarum (Agavaceae)* Palermo, Italy; 10p.

Ross, (Dr) James Henderson (6 Feb 1941–);Natal botanist; PhD at Natal Univ1966; worked at Bot Research Institute in Durban & Pretoria 1968–75; worked at Royal Bot Gardens, Victoria, Australia 1975~;
Book [1972] *Flora of Natal* Pretoria, RSA; 418p,
[1976] *Flora of Southern Africa, Vol 22* Pretoria; 161p.

Ross, (Dr) Robert Grant; US; PhD at Univ of Oklahoma, Norman 1980;
Book [1980] *Studies in the Cactaceae*; 54p; (PhD thesis).

Ross Frames, Percival — See **Frames**, Percival Ross.

†**Rost**, Hans; Ger botanist at Weimar;
Book [1936] *Morphologische Beobachtungen an der Kakteensamlingen Insbesondere der Sudamerikanische Trichocereen* Dresden; Ger; 60p; (thesis).

†**Rosthorn**, (Baron) A von; Ger; [?PhD?]; collected in central China c1891;
***species* nah:**
(Sedum) **rosthornianum** (China) (desc & nah by FLE Diels 1900).

†**Roth**, (Dr med) Albrecht Wilhelm (6 Jan 1757–16 Oct 1834); {Roth}; Ger physician & botanist; MD at Erlangen Univ 1778;
desc *genus*:
Ledebouria (Tropical Africa, RSA, India) 1821 (na CF von Ledebour);
desc *species*:
(Plectranthus) **caninus** (eastern Africa, India) 1821;
transfer *species*:
"Tillaea vaillantii" (KL von Willdenow 1798) —> **Crassula vaillantii** 1827.

†**Rother**, Wilhelm Otto (2 Jan 1853–1 Mar 1934); {Rother}; Ger horticulturist & Cactaceae specialist;
Book [1902] *Praktische Leitfaden für die Anzucht und Pflege der Kakteen und Phyllokakteen*

(= Practical Guide for the Cultivation & Care of Cactus & Phyllocactus) Frankfurt, Ger; Ger; 119p: (revision 1910 w 144p + revision 1925 w 228p),

[1906] *Unzucht und Pfledge der Kakteen und Phylokakteen* Frankfurt; Ger; 159p,

[1910] *Kakteensucht*; Ger; 144p,

[1923] *Unserer Kakteen und Sukkulenten Ihre Anzucht und Pflege* Frankfurt; Ger; 228p w 4 color plates.

Rothmann, Sakkie; Namibia photographer;
Book [2004] *Aloes, Aristocrats of Namibian Flora* Swakopmund, Namibia; Eng/Ger; 96p.

Roti Michelozzi Clavarino, [Michelozzi,] Guidetta (1928–); {Roti Mich.}; Italian botanist; graduated in natural sciences at Univ of Florence, Italy 1952; prof of botany at Univ of Genoa;
desc *species*:

(Bauhinia) **humifusa** [w REG Pichi Sermolli] (Somalia, Kenya) 1957 — **Tylosema humifusum** by JPM Brenan 1963.

Rottenberg, Harvey;
Book [1974] *The Gardener's Catalogue* [w T Riker] NYC; Eng; 320p; (includes c&s).

†**Rottler**, (Dr) Johan [John] Peter (Jun 1749–27 Jan 1836); {Rottler}; French missionary, botanist, orientalist & lexicographer; ordained at Univ of Strasbourg 1775; to Tranquebar, India 1776~; PhD at Univ of Vienna 1795; collected in India & Ceylon 1796~; interested in Indian medicinal plants;
desc *species*:

(Bryonia) **epigaea** (India, Pakistan, Ethiopia, Senegal, Niger, Kenya, Tanzania, Zaire) 1803 —> **Corallocarpus epigaeus** by CB Clarke 1879.

†**Roubieu**, (Dr med) Guillaume Joseph(11 Oct 1757–11 Sep 1834); French physician & botanist;
Book [1816] *Dissertation sur l'Aloe pitte et l'Agave americana* Monpellier; 21p.

Rouhani, I;
Book [1972] *Pathway of Carbon Metabolism in Spongy Mesophyll Cells Isolated from Sedum telephium Leaves & Their Relationship to Carassulacean Acid Metabolism Plants* Athens; 183p.

†**Rouhier**, (Dr) Alexandre (1875–1968); {Rouhier}; French pharmacist; wrote under pseudonyms Petrus Talemariamis & RP Sabazins;
Book [1926] *La Plante Qui Fait les Yeux Emerveilles (Le Peyotl – Echinocactus williamsii LEM.)* Paris, France; French; 372p.

Rourke, (Dr) Johan [**John**] Patrick (26 Mar 1942–); RSA botanist;
PhD at Cape Town Univ 1970; curator of Compton Herbarium at Kirstenbosch National Bot Garden 1966~; interested in taxonomy of Cape region;
Book [1980] *Paterson's Cape Travels 1777 to 1779* [w VS Forbes] Johannesburg, RSA; 202p; (editors of); see also W Paterson,
[1983] *Wild Flowers of South Africa* Cape Town, RSA; Eng; 127p; (2nd edition 1996 w 127p);
species **nah:**
(Dorotheanthus) **rourkei** (Namaq, Western Cape) (desc & nah by HML Bolus 1969).

Rousteau, Alain;
Book [1980] *Aspect Histologique Comparatif de la Feuille de Quelques Cactacées* Paris, France; French; 99p.

Roux, AA; Keimoes;
disc *species*:
(Lithops dinteri var) **multipunctata** [w V Pringle] (Namibia) 1963 (desc by HW de Boer 1966) —> **Lithops dinteri** ssp **multipunctata** by DT Cole 1988.

Roux, Annelise le (2 Mar 1950–); RSA botanist; MSc at Pretoria Univ 1978;
technician at Bot Research Institute & Dept of Nature Conservation at Cape 1972–75;
collected in Namaq;
Book [1981] *Namaqualand & Clanwilliam (S African wild flower guide – No. 1)* Claremont, RSA; 173p.

Roux, Anso; RSA botanist & ecologist; from farm Pokkraal near Rawsonville; explored in RSA;
species **nah:**
(Crassula) **anso-lerouxiae** (Western Cape) (disc 2006 & desc 2018 by EJ van Jaarsveld & nah).

†**Roux**, CHD (fl. 1935); RSA; collected Mesembs for HML Bolus;
species **nah:**
(Chasmatophyllum) **rouxii** (Northern Cape) (desc & nah by HML Bolus 1936),
(Stomatium) **rouxii** (Northern Cape) (desc & nah by HML Bolus 1936).

†**Roux**, (Mrs) Olive le (fl. 1923);
species **nah:**
(Mesemb) **lerouxiae** (Little Namaq) 1923 (desc & nah by HML Bolus 1924) —> **Ruschia lerouxiae b**y HML Bolus 1950.

†**Rouy**, Georges Christian (1851–1924); {Rouy}; French botanist;
desc *species*:
(Sedum) **stevenianum** [w G Camus] (Caucasia) 1901 (na C von Steven) —> **Phedimus stevenianus** by H 't Hart 1995;
desc *subsp*:
(Sedum hirsutum ssp) **baeticum** (Spain, Gibraltar) 1887.

Rovira, [née López,] Ana María (1947–); {Rovira}; Spanish biologist & conservationist; prof of botany at Univ of Barcelona, Spain;
desc *species*:
(Euphorbia) **pedroi** [w J Molero] (Portugal) 1997.

Rowland-Jones, (Lt Col) Maurice (fl. 1958); RSA in Punda Miria, Limpopo; chief ranger in charge of n sector of Kruger Natl Park 1949~;
***species* nah:**
(Euphorbia) **rowlandii** (Limpopo) (desc & nah by RA Dyer 1958 & disc by LEW Codd 1949).

Rowlands, (Dr) Peter G; US; PhD at Univ of Calif, Riverside 1978;
Book [1978] *The Vegetation Dynamics of the Joshua Tree (Yucca brevifolia ENGELM.) in the Southwestern US* Riverside, Calif; Eng; 206p; (PhD thesis).

Rowlette, Nick; US horticulturist in Portland, Oregon; specialist on Lithops; owner of *Flowering Stones Greenhouses* nursery;
Book [1979] *Flowering Stones, a Guide to the Cultivation of Lithops*;Portland; Eng; 5p,
[1990] *Lithops for the Curious, the Collector & the Cultist* Portland, Oregon; Eng; 137p w 2 plates of 30 color photos.

Rowley, **Gordon** Douglas (31 Jul 1921–12 Aug 2019); {G.D.Rowl.}; British botanist, succ specialist, taxonomist & historian; BSc in botany at London Univ 1942; worked (becoming curator) at John Innes Horticultural Institution 1948–61; horticultural botany lecturer at Reading Univ, Eng 1961–81; world class c&s succ book collection; field trips to US & Mex 1968, 1974 & 1983 & to Africa 1971; co-editor of *Repertorium Plantarum Succulentarum* w HM Roan 1951–54 & editor 1955–82; IOS member 1953 & honorary member 1986; joined NCSS 1948, Fellow 1956 & Life Member 1981; pres of African Succ Plant Soc, Eng 1966–76; CSSA Fellow award 1974; Veitch Memorial Gold Medal award by Royal Horticultural Soc, London 1980; Monaco Cactus d'Or award 1982; 1st BCSS pres 1983–2004; editor of BCSS yearbook *Bradleya* 1993–2000; SSSA Allen Dyer award 2000; CSSA MKLA award 2013; prolific writer of books, articles & taxa; his home is known as *Cactusville* in Reading, Eng;
Book [1959] *Flowering Succ* Farnham, Eng; Eng; 80p w 10 color illustrations,
[1959–82] *Rowley Reporting in NCSS Journal Part 1–96*; 109p,
[1964] *Richard Bradley (Collected Writings on Succ Plants)* London, Eng; Eng,
[1975] *Register of Specialist Collectors of Succ & Allied Plants in the UK* [w DR Hunt]

Richmond, Eng; Eng; 20p,

[1978] *The Illustrated Enc of Succ* London/NYC; Eng; 256p w over 250 color photos; (1979 German edition *Kosmos—Enzyklopädie der Succulenten und Kakteen*; 1980 Dutch edition *Moussault's Groot Succulenten Boek*; 1981 French edition *Encyclopedia des Plantes Grasses*),

[1980] *Name That Succ* Cheltenham, Eng; Eng; 265p; (1982 supplement pub),

[1985] *The Haworthia Drawings of John Thomas Bates* Reading, Eng; Eng; 43p,

[1983] *The Adenium & Pachypodium Handbook* Botley, Eng; Eng; 94p; (1989 Czech edition *Adenium a Pachypodium*),

[1986] *Field Numbers of Succ Plants—A Collector's Logbook 1968–1983* Reading; Eng; 59p,

[1987] *The Caudiciform & Pachycaul Succ* Mill Valley, Calif; Eng; 282p w many color photos,

[1990] *NE Brown (Stapelieae) (Extracted from 'The Gardener's Chronicle' 1875–1935*; 31p,

[1992] *Didiereaceae: 'Cacti of the Old World'* London; Eng; 36p,

[1993] *Iconographie Descriptive des Cactees ...par Ch. Lemaire* Mill Valley; 81p; (editor of),

[1994] *Succ Compositae (Senecio & Othonna)* Mill Valley; Eng; 238p w 332 small color photos/illustrations,

[1995] *Anacampseros, Avonia,Grahamia — A Grower's Handbook* Eng; Eng; 80p,

[1997] *A History of Succ Plants* Mill Valley; Eng; 409p,

[1999] *Pachypodium & Adenium (The Cactus File Handbook)* Southampton, Eng; Eng; 80p,

[2001] *CITES Aloe & Pachypodium Checklist* Kew; Eng; 160p; (Aloe by LE Newton & Pachypodium by GD Rowley & edited by U Eggli),

[2001] Cactus extracts from W & WT Aiton's *Hortus Kewensis* [1789], *Hortus Kewensis* [1810–1813] & an epitome of second edition of *Hortus Kewensis* [1814] w 2p historical notes by GD Rowley; 22p,

[2003] *Crassula, a Grower's Guide*; Eng; 247p,

[2006] *Teratopia—The World of Cristate & Variegated Succ* Tradate, Italy; Eng; 287p w 596 color photos,

[2017] *Succulents in cultivation — breeding new cultivars* England; Eng; 248p w 473 color photos & 24 b&w line drawings;

desc *genera*:

Avonia (Africa) 1994,

Morangaya (Baja Calif) 1974 (na RV Moran & EG Gay) (syn of Echinocereus ENGELMANN),

Pilosocereus [w RS Byles] (Mex, Central Amer, West Indies, S Amer, Florida) 1957;

***species* nah:**

(Echinopsis) **rowleyi** (Catamarca) (desc & nah by HC Friedrich 1974 & disc by JA Shafer 1916),

(Greenovium) **rowleyi** (desc & nah by D Bramwell 1973),

(Senecio) **rowleyanus** (Eastern Cape) (desc & nah by HJ Jacobsen 1968) —> **Senecio radicans 'Gordon Rowley'** by BJM Zonneveld 2005;

desc *species*:

(Albuca) **unifoliata** (Northern Cape) 1975 —> **Ornithogalum unifoliatum** by AA Obermeyer 1978,

(Aloe) **bella** (Somalia) 1974,
(Aloe) **schilliana** [w LE Newton] (Mada) 1997 (na R Schill),
(Aloe) **subacutissima** (Mada) 1973,
(Caralluma) **frerei** (India) 1958 (na HB Frere),
(Conophytum) **concordans** (Cape) 1978 (disc by ACT Villet 1937),
(Conophytum) **devium** (Namaq) 1978 (disc by RC Littlewood 1961),
(Drosanthemum) **jacobsenii** 1978 (na HJ Jacobsen),
(Drosanthemum) **kolbei** 1978,
(Gasteria) **batesiana** (Mpumalanga, Natal) 1955 (na J Bates),
(Greenovia) **aureozoon** [w D Bramwell] 1973,
(Pilosocereus) **floccosus** [w RS Byles] (Minas Gerais) 1957 (disc by AC Brade 1934),
(Ruschia) **amphibolia** (Western Cape) 1978 —> **Lampranthus amphibolius** by HEK Hartmann 1998,
(Ruschia) **haworthii** [w JHJ Jacobsen] (RSA) 1973 (na AH Haworth),
(Ruschia) **dissimilis** (Western Cape) 1978 —> **Lampranthus dissimilis** by HEK Hartmann 1998,
(Ruschia) **mutata** (Western Cape) 1978 —> **Lampranthus mutatus** by HEK Hartmann 1998,
(Sedum) **fui** (China) 1973 (na SH Fu),
(Senecio) **ampliflorus** (India to Nepal, Sri Lanka) 1955,
(Senecio) **citriformis** (Western Cape, Namibia) 1956,
(Senecio) **hallianus** (Western Cape) 1958 (na H Hall),
(Senecio) **jacobsenii** (Tanzania, Kenya) 1955 (na HJH Jacobsen),
(Senecio) **serpens** (Cape) 1955;

transfer *species*:

“Adenium boehmianum” (H Schinz 1888) —> **Adenium obesum** ssp **boehmianum** 1980,
“Adenium somalense” (IB Balfour 1888) —> **Adenium obesum** ssp **somalense** 1980,
“Adenium swazicum” (O Stapf 1907) —> **Adenium obesum** ssp **swazicum** 1980,
"Aloe erinacea" (DS Hardy 1971) —> **Aloe melanacantha** var **erinacea** 1980,
"Anacampseros albissima" (HWR Marloth 1912) —> **Avonia albissima** 1994,
“Anacampseros alstonii” (S Schonland 1903) —> **Avonia quinaria** ssp **alstonii** 1994,
“Anacampseros australiana” (JM Black 1917) —> **Grahamia australiana** 1994;
"Anacampseros dinteri" (H Schinz 1901) —> **Avonia dinteri** 1994,
"Anacampseros herreana" (JKL von Poellnitz 1930) —> **Avonia herreana** 1994,
“Anacampseros kurtzii” (NM Bacigalupo 1990) —> **Grahamia kurtzii** 1994,
"Anacampseros namaquensis" (WH Pearson & EL Stephens 1912) —> **Anacampseros filamentosa** ssp **namaquensis** 1994,
"Anacampseros papyracea" (E Fenzl 1840) —> **Avonia papyracea** 1994,
“Anacampseros quinaria” (E Fenzl 1840) —> **Avonia quinaria** 1994,
"Anacampseros recurvata" (S Schonland 1903) —> **Avonia recurvata** 1994,
“Anacampseros ruschii” (MK Dinter & JKL von Poellnitz 1929) —> **Avonia ruschii** 1994,
"Anacampseros ustulata" (E Fenzl 1840) —> **Avonia ustulata** 1994,
“Anacampseros vulcanensis” (DC Anon 1984) —> **Grahamia vulcanensis** 1994,

“Borzicactus madisoniorum” (PC Hutchison 1963) —> **Matucana madisoniorum** 1973,
“Cactus chiloensis” (LA Colla 1827) —> **Echinopsis chiloensis** [w H von Friedrich] 1974,
“Cactus coquimbanus” (JI Molina 1782) —> **Echinopsis coquimbana** [w H von Friedrich] 1974,
“Cactus lanuginosus” (C Linnaeus 1753) —> **Pilosocereus lanuginosus** [w RS Byles] 1957,
"Cactus polygonus" (C de Lamarck 1783) —> **Pilosocereus polygonus** [w RS Byles] 1957,
“Cactus royeni” (C Linnaeus 1753) —> **Pilosocereus royenii** [w RS Byles] 1957,
“Cephalocereus collinsii” (NL Britton & JN Rose 1923) —> **Pilosocereus collinsii** [w RS Byles] 1957,
“Cephalocereus purpusii” (NL Britton & JN Rose 1920) —> **Pilosocereus purpusii** [w RS Byles] 1957,
“Cereus atacamensis” (RA Philippi 1860) —> **Echinopsis atacamensis** [w H von Friedrich] 1974,
“Cereus catingicola” (RS Byles 1908) —> **Pilosocereus catingicola** [w GD Rowley] 1957,
“Cereus chrysostele” (FKJ Vaupel 1923) —> **Pilosocereus chrysostele** [w RS Byles] 1957,
“Cereus deserticola” (E Werdermann 1929) —> **Echinopsis deserticola** [w H von Friedrich] 1974,
“Cereus glaber” (F Eichlam 1910) —> **Weberocereus glaber** 1982,
“Cereus huascha” (FAC Weber 1893) —> **Echinopsis huascha** [w H von Friedrich] 1974,
“Cereus lageniformis” (CF Forster 1861) —> **Echinopsis langeniformis** [w H Friedrich] 1974,
“Cereus oligolepis” (FKF Vaupel 1913) —> **Pilosocereus oligolepis** [w RS Byles] 1957,
“Cereus pentaedrophorus” (JF Cels 1858) —> **Pilosocerus pentaedrophorus** [w RS Byles] 1957,
“Cereus piauhyensis” (RLA Gurke 1908) —> **Pilosocereus piauhyensis** [w RS Byles] 1957,
“Cereus strigosus” (JFM Salm-Dyck 1834) —> **Echinopsis strigosa** [w H von Friedrich] 1974,
“Cereus tacaquirensis” (FKJ Vaupel 1916) —> **Echinopsis tacaquirensis** [w H Friedrich] 1974,
“Cereus tarijensis” (FKJ Vaupel 1916) —> **Echinopsis tarijensis** [w H Friedrich] 1974,
“Cereus terscheckii” (LKG Pfeiffer 1837) —> **Echinopsis terscheckii** [w H von Friedrich] 1974,
“Cereus thelegonus” (KM Schumann 1897) —> **Echinopsis thelegona** [w H Friedrich] 1974,
“Cereus thelegonoides” (CL Spegazzini) 1905 —> **Echinopsis thelegonoides** [w H von Friedrich] 1974,
“Cereus tonduzii” (FAC Weber 1902) —> **Weberocereus tonduzii** 1982;
“Crassula glabrifolia” (WH Harvey 1862) —> **Crassula tomentosa** var **glabrifolia** 1978,
"Eccremocactus bradei" (NL Britton & JN Rose 1913) —> **Weberocereus bradei** 1974,
“Euphorbia symmetrica” (AC White, BL Sloane & RA Dyer 1941) —> **Euphorbia obesa** ssp **symmetrica** 1998,
“Euphorbia valida” (NE Brown 1915) —> **Euphorbia meloformis** ssp **valida** 1998,
"Kleinia aizoides" (AP de Candolle 1838) —> **Senecio talinoides** ssp **aizoides** 1990,
"Kleinia cylindrica (A Berger 1905) —> **Senecio talinoides** ssp **cylindricus** 1990,

“Kleinia leptophylla” (C Jeffrey 1986) —> **Senecio mweroensis** var **leptophyllus** 1994,

"Kleinia mandraliscae" (V Tineo 1878) —> **Senecio talinoides** ssp **mandraliscae** 1990.

“Kleinia odora” (P Forsskal 1775) —> **Senecio anteuphorbium** var **odorus** 1985,

"Kleinia patriciae" (C Jeffrey 1986) —> **Senecio picticaulis** ssp **patriciae** 1990,

“Kleinia saginata” (P Halliday 1983) —> **Senecio mweroensis** var **saginatus** 1990,

"Kleinia schwartzii" (LE Newton 1993) —> **Senecio mweroensis** fa **schwartzii** 1996.

"Kleinia squarrosa" (G Cufodontis 1943) —> **Senecio polytomus** ssp **squarrosus** 1990,

"Lomatophyllum anivoranoense" (WHH Rauh & R Hebding 1998) —> **Aloe anivoranoensis** [w LE Newton] 1998,

"Lomatophyllum antsingyense" (JD Leandri 1935) —> **Aloe antsingyensis** [w LE Newton] 1997,

"Lomatophyllum belavenokense" (WHH Rauh & R Gerold 1994) —> **Aloe belavenokensis** [w LE Newton] 1997,

"Lomatophyllum citreum" (A Guillaumin 1944) —> **Aloe citrea** [w LE Newton] 1977,

"Lomatophyllum namorokaense" (WHH Rauh 1998) —> **Aloe namorokaensis** [w LE Newton] 1998,

"Lomatophyllum occidentale" (JMH Perrier de la Bathie 1926) —> **Aloe occidentalis** [w LE Newton] 1997,

"Lomatophyllum orientale" (JMH Perrier de la Bathie 1926) —> **Aloe orientalis** [w LE Newton] 1997,

"Lomatophyllum propaguliferum" (WHH Rauh & Razafindratsira 1998) —> **Aloe propagulifera** [w LE Newton] 1998,

"Lomatophyllum prostratum (JMH Perrier de la Bathie 1926) —> **Aloe prostrata** [w LE Newton] 1997,

"Lomatophyllum rosea" (JMH Perrier de la Bathie 1926) —> **Aloe rosea** [w LE Newton] 1997,

"Lomatophyllum sociale" (JMH Perrier de la Bathie 1926) —> **Aloe socialis** [w LE Newton] 1997,

"Lomatophyllum tormentorii" (WRB Marais 1975) —> **Aloe tormentorii** [w LE Newton] 1997,

“Maughania insignis” (NE Brown 1931) —> **Diplosoma insignis** 1978,

"Notonia hebdingii" (WHH Rauh & G Buchloh 1987) —> **Senecio hebdingii** 1994,

"Notonia hildebrandtii" (GCW Vatke 1877) —> **Senecio nyikensis** var **hildebrandtii** 1990,

“Notonia madagascariensis” (J-H Humbert 1923) —> **Senecio longiflorus** ssp **madagascariensis** 1990,

“Ophthalmophyllum lydiae” (H Jacobsen 1948) —> **Conophytum lydiae** 1978,

“Ophthalmophyllum pubescens” (A Tischer 1938) —> **Conophytum pubescens** 1978,

“Ophthalmophyllum verrucosum” (MG Lavis 1935) —> **Conophytum verrucosum** 1978,

"Othonna spektakelensis" (RH Compton 1953) —> **Othonna retrorsa** var **spektakelensis** 1990,

"Pachypodium bicolor" (JJ Lavranos & SHJ Rapanarivo 1997) —> **Pachypodium rosulatum** fa **bicolor** 1998,

"Pachypodium eburneum" (JJ Lavranos & SHJ Rapanarivo 1997) —> **Pachypodium**

rosulatum var **eburneum** 1998,

"Pachypodium inopinatum" (JJ Lavranos 1996) —> **Pachypodium rosulatum** var **inopinatum** 1998;

“Pachypodium saundersii” (NE Brown 1892) —> **Pachypodium lealii** ssp **saundersii** 1973,

“Pilocereus alensis” (R Roland-Gosselin 1905) —> **Pilosocereus alensis** [w RS Byles] 1957,

“Pilocereus arrabidae” (AC Lemaire 1862) —> **Pilosocereus arrabidae** (w RS Byles) 1957,

“Pilocereus aurisetus” (E Werdermann 1933) —> **Pilosocereus aurisetus** [w RS Byles] 1957,

“Pilocereus chrysacanthus” (FAC Weber 1897) —> **Pilosocereus chrysacanthus** [w RS Byles] 1957,

“Pilocereus glaucochrous” (E Werdermann 1933) —> **Pilosocereus glaucochrous** [w RS Byles] 1957,

“Pilocereus gounellei” (FAC Weber 1897) —> **Pilosocereus gounellei** [w RS Byles] 1957,

“Pilocereus leucocephalus” (H Poselger 1853) —> **Pilosocereus leucocephalus** [w RS Byles] 1957,

“Pilocereus tuberculatus” (E Werdermann 1933) —> **Pilosocereus tuberculatus** [w RS Byles] 1957,

“Pilocereus ulei" (KM Schumann 1903) —> **Pilosocereus ulei** [w RS Byles] 1957,

"Portulacaria pygmaea" (NS Pillans 1928) —> **Ceraria pygmaea** 1996,

"Runyonia longiflora" (JN Rose 1922) —> **Agave longiflora** 1977,

"Senecio addoensis" (RH Compton 1934) —> **Senecio scaposus** var **addoensis** 1990,

"Senecio chordifolius (JD Hooker 1876) —> **Senecio talinoides** ssp **chordifolius** 1990,

"Senecio milanjianus" (S Moore 1902) —> **Senecio oxyriifolius** ssp **milanjianus** 1990,

“Senecio scottii” (IB Balfour 1882) —> **Senecio longiflorus** ssp **scottii** 1990,

"Senecio tropaeolifolius" (FJH Mueller 1867) —> **Senecio oxyriifolius** ssp **tropaeolifolius** 1990,

“Talinopsis frutescens” (A Gray 1852) —> **Grahamia frutescens** 1994,

“Talinum coahuilense” (S Watson 1891 —> **Grahamia coahuilensis** 1994,

"Tetraphyle polpodacea" (CF Ecklon & CLP Zeyher 1837) —> **Crassula muscosa** var **polpodacea** 1978,

“Trichocereus angelesiae” (R Kiesling 1978) —> **Echinopsis angelesiae** 1980,

“Trichocereus camarguensis” (M Cardenas 1953) —> **Echinopsis camarguensis** [w H von Friedrich] 1974,

"Trichocereus cuzcoensis" (NL Britton & JN Rose 1920) —> **Echinopsis cuzcoensis** [w H von Friedrich]1974,

“Trichocereus glaucus” (F Ritter 1962) —> **Echinopsis glauca** [w H von Friedrich] 1974,

"Trichocereus pachanoi" (NL Britton & JN Rose 1920) —> **Echinopsis pachanoi** [w H von Friedrich] 1974,

"Trichocereus peruvianus" (NL Britton & JN Rose 1920) —> **Echinopsis peruviana** [w H von Friedrich] 1974,

“Trichocereus tunariensis” (M Cardenas 1958) —> **Echinopsis tunariensis** [w H Friedrich] 1974,

“Trichocereus vasquezii” (W Rausch 1974) —> **Echinopsis vasquezii** 1975,

“Trichocereus vollianus” (C Backeberg 1936) —> **Echinopsis volliana** [w H Friedrich] 1974,

"Trichocereus werdermannianus" (C Backeberg 1936) —> **Echinopsis werdermanniana** [w CH Friedrich] 1974;

desc *subsp*:

(Senecio stapeliiformis ssp) **minor** (Kenya, Tanzania) 1955;

transfer *subsp*:

º "Anacampseros papyracea ssp namaensis" (M Gerbaulet 1992) —> **Avonia papyracea** ssp **namaensis** 1994;

transfer *variety*:

"Crassula curta var rubra" (NE Brown 1895)—> **Crassula setulosa** var **rubra** 1978,

"Crassula lycopodioides var obtusifolia" (WH Harvey 1862) —> **Crassula muscosa** var **obtusifolia** 1978,

"Helophytum natans var minus" (CF Ecklon & CLP Zeyher 1837) —> **Crassula natans** var **minus** 1978,

"Larochea falcata var minor" (AH Haworth 1821) —> **Crassula perfoliata** var **minor** 1978,

"Solanecio tuberosus var pubescens" (T Mesfin 1994) —> **Senecio tuberosus** var **pubescens** 1994.

†**Roxburgh**, (Dr med) Wm (3 Jun 1751–18 Feb 1815); {Roxb.}; Scottish botanist & physician; MD at Edinburgh Univ 1776; medical officer w Madras Medical Service, India 1776–80; superintendent at Samalkot bot garden, India 1781–93; botanist at East India Company & superintendent of Calcutta Bot Garden, India 1793–13; devotee of botany; known as "father of Indian botany"; explored & collected at Cape 1798–99; collected in India; FLS 1799; employed as painter to draw plates of his plants;
4300 of these plates w Roxburgh's descriptions were pub by (Sir) Joseph Banks (in 3 Vols);
Book [1795] *Plants of the Coast of Coromandel* London, Eng; 98p;

***species* nah:**

(Sansevieria) **roxburghiana** (India) (desc & nah by JA Schultes 1829);

disc *species*:

(Caralluma) **adscendens** (India) 1790 (desc by R Brown 1809),

(Caralluma) **umbellata** (India) c1800 (desc by AH Haworth 1812);

desc *species*:

(Agave) **cantala** 1814,

(Ceropegia) **bulbosa** (Pakistan, India, Bangladesh, Saudi Arabia, Oman, Yemen, Ethiopia, Somalia, Kenya, Tanzania) 1795,

(Ceropegia) **juncea** (Sri Lanka, India) 1795,

(Euphorbia) **sessiliflora** (Myanmar) 1832,

(Jatropha) **gladulifera** (India, Sri Lanka) 1832,

(Stapelia) **adscendens** (India) 1795 (disc by him)—> **Caralluma adscendens** by R Brown 1810,

(Stapelia) **umbellata** (Coromandel Coast) 1819 (disc by H Clive (c 1800)) —> **Caralluma umbellata** by AH Haworth 1812.

Royal Horticultural Soc; (sponsors of 6–Vol book of known plants in cultivation in

Europe listed below);
Book [1984–2000] *The European Garden Flora*; Eng; (in 6 Vols);
[1984] Vol 2; 318p; Monocots Part 2; includes Bromeliaceae 15p;
[1986] Vol 1; 448p; Monocots Part 1; includes Dioscoreaceae; Alooideae 17p, other Liliaceae, Agavaceae 19p,
[1989] Vol 3; 474p; Dicots Part 1; includes Aizoaceae 38p, Cactaceae 99p;
[1995] Vol 4; 620p; Dicots Part 2; includes Crassulaceae 75p;
[1997] Vol 5; Dicots Part 3; includes Begoniaceae;
[2000] Vol 6; 756p; Docots Part 4; includes Apocynaceae, Asclepiadaceae, Rubiaceae, Fouquieriaceae, Nolanaceae, Gesneriaceae.

†**Royen**, (Prof) (Dr med) Adriaan [Adrianus] van (11 Nov 1704–28 Feb 1779); {Royen}; Dutch botanist & physician; studied under H Boerhaave w MD at Leiden Univ 1728;
dir of bot garden & prof of botany 1730–54 & of medicine 1730–75 at Leiden Univ;
associated w C Linnaeus;
***species* nah:**
(Cactus) **royenii** (Antigua to Anegada, St Croix, St Thomas, Culebra, Porto Rico, Mona, Desecheo in West Indies) (desc & nah by C Linnaeus 1753) —> **Pilosocereus royenii** by RS Byles & GD Rowley 1957.

†**Royle**, (Dr med) John Forbes (20 May 1798–2 Jan 1858); {Royle}; British botanist, naturalist, surgeon & medical historian; MD at Edinburgh Univ, Eng 1833; surgeon in Bengal Army, Calcutta, India 1820–23; superintendent of East India Company bot garden at Saharanpur, India 1823–37; botanized in Himalayas; collected widely in India; prof of materia medica at Kings College, London, Eng 1837–56; FLS 1833; FRS 1837;
***species* nah:**
(Euphorbia) **royleana** (India) (desc & nah by PE Boissier 1862);
desc *species*:
(Sedum) **coccineum** (Afghanistan, Bhutan, India, Kashmir, Nepal, Tibet, China) 1835 —> **Rhodiola coccinea** by AG Borissova 1939.

†**Rudatis**, August Gottlieb [**Hans**] (16 Nov 1875–13 May 1934); Ger horticulturist & naturalist; worked at Zurich Bot Garden, Switzerland, for H Schinz 1896–98; botanist & collector in Cameroon 1900–03; to Natal 1904~;
made extensive collection of plants in Natal;
disc *species*:
(Ceropegia) **rudatisii** (Eastern Cape, Natal) (desc & nah by FRR Schlechter 1907).

†**Rudner**, Jalmar (–2002); Swede to RSA; both he & spouse were archaeologists & translators of books from Swedish to Eng/Africaans; spouse Ione Rudner;
disc *species*:
(Lithops pseudotruncatella var) **brandbergensis** (Namibia) 1955 (desc by HW de Boer 1963)

—> **Lithops gracilidelineata** ssp **brandbergensis** by DT Cole 1988.

†**Rudolph**, (Prof) (Dr med) Johann Heinrich (1744–1809); {Rudolph}; Ger physician & botanist; MD at Jena Univ 1781; prof of botany at St. Petersburg, Russia 1783~;
desc *species*:
(Sedum) **cyaneum** (Russia, Japan) 1811 —> **Hylotelephium cyaneum** by H Ohba 1977.

Rudzinski, Holger; Ger horticulturist; specialist on Mamm;
Book [2002] *Die Gattung Mammillaria Haworth im Wandel der Zeiten* Numbrecht/Bierenbachtal, Ger; Ger; 57p.

†**Rue**, [Rüe,] F Aubert de la; Swiss explorer in Africa;
disc *species*:
(Euphorbia) **amicorum** (Djibouti) 1937/38 (desc by S Carter Holmes 2001& na JJ Lavranos & LE Newton as amici (Latin for friends)).

†**Ruedebusch**, [Rüdebusch,] (Mr) ? (fl. 1927); Namibian farmer at Farm Vahldorn near Warmbad where MK Dinter visited;
***species* nah:**
(Schwantesia) **ruedebuschii** (Namibia, Cape) (desc & nah by MK Dinter 1927).

Ruess, Béatrice Ruth von;
Book [1983] *L'Économie d'eau et le Metabolisme Acid des Crassulacées Chez Senecio medley-woodii* Zurich, Switzerland; 148p.

Ruffing, (Dr med) E; Ger physician; worked in Province Toliara, Mada;
***species* nah:**
(Aloe) **ruffingiana** (Mada) (desc & nah by WHH Rauh & H Petignat 1999).

Ruffner, GA;
Book [1985] *Reproductive Biology of Ferocactus acanthodes (LEM.) BRITT. & ROSE var lecontei (ENGELM.) LINDSAY in Central Arizona*; 90p.

†**Ruiz**, [Ruiz López,] Hipólito (8 Aug 1754–1815); {Ruiz}; Spanish botanist; studied natural sciences in Madrid as student of CG de Ortega; explored w JA Pavon in Peru, Ecuador, Mex & Chile 1777–88;
desc *genera*:
Cavanillesia* (Panama to Brazil) 1794;
Peperomia* (Peru, Chile, Bolivia, Argentina to Mex) 1794;
desc *species*:
(Cavanillesia) **umbellate*** (Brazil) 1794,
(Nolana) **inflata*** (Peru) 1799,
(Nolana) **spathulata*** (Peru, Chile) 1799,

(Peperomia) **rhombea*** (Central Amer, Mex) 1798,
(Peperomia) **scutellifolia*** (Peru) 1798,
(Peperomia) **umbilicata*** (Peru) 1798,
(Talinum) **lingulatum*** (Peru) 1798 —> **Cistanthe lingulata** by MA Hershkovitz 1991,
(Tillaea) **connata*** (Cajamarca) 1798 —> **Crassula connata** by A Berger 1930.
*w JA Pavon

†**Rule**, John (c1783–12 May 1866); superintendent of silver mines at Real del Monte, Mex 1825;
disc *species*:
(Echeveria) **secunda** (Hidalgo, Guanajuato, Puebla, Mex, Tlaxcala) 1837 (disc by WB Booth 1838).

Rulkens, Antonius Joannes Hubertus (1955–); The Netherlands; agronomist & plant biodiversity; to Mozambique; program manager with Oxfam, Pemba, Mozambique 2013~;
desc *species*:
(Aloe) **ribauensis** [w TA McCoy & OJ Baptista] (Mozambique) 2014 (disc by TA McCoy 2013).

†**Rumpler**, [Rümpler,] Karl Theodor (1817–23 May 1891); {Rumpl.}; Ger horticultural journalist & gardener in Erfurt;
Book [1884–86] *Carl Friedrich Foerster's Handbuch der Cacteenkunde in Ihrem Ganzen Umfange, Nach Dem Gegenwartigen Stande der Wissenschaft Bearbeitet und Durch die Seit 1846 Begrundeten Gattungen und Neu Eingefuhrten Arten Vermehrt* Leipzig, Ger; Ger; 1,029p; (in 2 Vols),
[1892] *Die Sukkulenten* (edited after death by KM Schumann) Berlin, Ger; Ger; 263p; covered these families:
Asclepiadaceae 15p;
Cactaceae 130p;
Compositae 7p;
Crassulaceae 56p;
Euphorbiaceae 8p;
Liliaceae 24p;
Mesembryanthemaceae 12p;
Portulacaceae 5p;
desc *species*:
(Echinocactus) **coquimbanus** (Coquimbo) 1885 —> **Copiapoa coquimbana** by NL Britton & JN Rose 1922,
(Echinocactus) **haselbergii** (Rio Grande do Sul) 1886 (na ? von Haselberg) —> **Parodia haselbergii** by FH Brandt 1982,
(Echinocereus) **papillosus** (Texas) 1886,
(Pilocereus) **pasacanus** (Argentina) 1886 —> **Echinopsis atacamensis** ssp **pasacana** by G Navarro 1996.

†**Runemark**, (Dr) Hans (7 Jan 1927–11 Dec 2014); {Runemark}; USA to Sweden; botanist & lichenologist; PhD at Univ of Lund, Sweden 1956; prof at Univ of Lund 1970–92; collected in Greece;
desc *species*:
(Sedum) **samium** [w WR Greuter] (Greece, Turkey) 1981.

†**Runge**, [Rünge,] Carl (fl. 1889); {Runge}; US; Texas cactus dealer around 1890;
desc *species*:
(Echinocactus) **bolaensis** (Coahuila) 1889 —> **Thelocactus bicolor** ssp **bolaensis** by AB Doweld 1999,
(Mamm) **grusonii** (Coahuila) 1889.

†**Runyon**, **Robert** (28 Jul 1881–9 Mar 1968); US photographer, amateur botanist & politician; commercial photographer 1910–26 w over 8,000 photos of Texas into Mex border areas around Brownsville, Texas; entered politics, interested in botany & pub newspaper 1926~; collected in Texas & Mex 1921~; CSSA Fellow award 1941;
first spouse Norah [née Young] Runyon (23 Jan 1881–3 Dec 1908); second spouse Amelia Leonor [née Medrano] Runyon (11 Apr 1892–6 Oct 1987);
Book [1930] *Texas Cacti* [w ED Schulz] San Antonio, Texas; Eng; 181p;
***species* nah:**
(Echeveria) **runyonii** (Nuevo Leon) (desc & nah by EE Walther 1935);
disc *species*:
(Coryphantha) **runyonii** (Texas) 1921 (desc & nah by NL Britton & JN Rose 1923) —> **Coryphantha macromeris** ssp r**unyonii** by NP Taylor 1998.

†**Rupp**, [Ruppe, Ruppius,] Heinrich Bernard (22 Aug 1688–7 Mar 1719); {Ruppius}; Ger botanist;
Book [1718] *Flora Ienensis* Jena ; first book to place Stapeliads in a distinct genus by established the genus "Crassa" (which means 'succulent').

†**Ruprecht**, (Dr med) Franz Josef Ivanovich (1 Nov 1814–4 Aug 1870); {Rupr.}; Austrian botanist & physician; MD at Praha Univ 1838; curator & dir of Academy of Sciences & bot gardens at St. Petersburg, Russia 1839–55 & dir of bot museum 1855~;
prof of botany at Paedagogium, St. Petersburg 1855–59;
desc *species*:
(Sedum) **uralense** (USSR) 1854 —> **Hylotelephium uralense** by VV Byalt 1998;
***subsp* nah:**
(Sedum telephium ssp) **ruprechtii** (ne Europe) (desc & nah by AJJ Jalas 1954) —> **Hylotelephium telephium** ssp **ruprechtii** by H Ohba 1977.

†**Rusby**, (Prof) (Dr med) Henry Hurd (26 Apr 1855–18 Nov 1940); {Rusby}; US physician & botanist; MD at NY Univ 1884; prof of botany & material medica at College of Pharmacy at Columbia Univ 1889~; member of Torrey Bot Club 1879 & pres; co-founder of NY Bot Garden 1888; led Mulford Biological Exploration of Amazon Basin in Bolivia 192l–22 w M Cardenas; collected in Texas, Arizona & New Mex for Smithsonian Institute 1880–81 & in Bolivia, Brazil, Peru, Chile & Colombia for Parke, Davis & Company 1884–86; spouse Margetta Saunier [née Hanna] Rusby;

disc *species*:

(Cotyledon) **rusbyi** (Arizona) 1881 (desc & nah by EL Greene 1883) —> **Graptopetalum rusbyi** by JN Rose 1924,

(Hariota [Hatiora]) **crenata** (Bolivia) 1885 (desc by NL Britton 1891) —> **Pfeiffera crenata** by PV Heath 1994;

desc *species*:

(Portulaca) **elongata** (Peru, Bolivia, Argentina) 1896.

†**Rusch**, [née Jobst] Angelika Aurelie Selma; spouse EJ Rusch;

***species* nah:**

(Mesemb) **angelicae** (SW Africa, Namaq) (desc & nah by MK Dinter & MHG Schwantes 1925 & disc by MK Dinter 1922) —> **Conophytum angelicae** by NE Brown 1925.

†**Rusch**, **Ernst** Franz Theodor (12 Mar 1897–15 Oct 1964); Namibia farmer, businessman & collector of succ; nurseryman w father, EJ Rusch;

***genera* nah:**

Ruschianthemum (Cape) (desc & nah by CH Friedrich 1960),

Ruschianthus (Namibia) (desc & nah by HML Bolus 1961);

disc *species*;

(Hoodia) **ruschii** (Namibia) 1931 (desc & nah by MK Dinter 1932),

(Stapelia) **longipes** (Namibia, Northern Cape) c1932 (desc by CA Luckhoff 1934) —> **Tromotriche longipes** by PV Bruyns 1995.

†**Rusch**, **Ernst** Julius (9 Mar 1867–23 Mar 1957); Ger to Namibia 1890; farmer & nurseryman w son EFT Rusch; collected & grew succ at Lichtenstein farm, Windhoek, Namibia; spouse AAS Rusch; son EFT Rusch;

***genus* nah:**

Ruschia (Namibia, Cape, Free State, Transvaal, Lesotho, Botswana) (desc & nah by MHG Schwantes 1926);

***species* nah:**

(Anacampseros) **ruschii** (Namaq) (desc & nah by MK Dinter & JKL von Poellnitz 1929) —> **Avonia ruschii** by GD Rowley 1994,

(Gasteria) **ernesti-ruschii** (Namaq) (desc & nah by MK Dinter & JKL von Poellnitz 1938) —> **Gasteria pillansii** var **ernesti-ruschii** by EJ van Jaarsveld 1992;

disc *species*:

(Conophytum) **ruschii** c1936 (desc & nah by MHG Schwantes 1938) —> **Conophytum**

jucundum ssp **ruschii** by SA Hammer 2002,
(Lithops) **dinteri** (Namaq) 1926 (desc by MHG Schwantes 1927 & na MK Dinter),
(Lithops) **gracilidelineata** (Namibia) 1927 (desc by MK Dinter 1928),
(Lithops) **schwantesii** (Namibia) 1926 (desc by MK Dinter 1928 & na MHG Schwantes),
(Mesemb) **ruschiorum** (Great Namaq) (desc & nah & his family by MK Dinter & MHG Schwantes 1925) —> **Lithops ruschiorum** by NE Brown 1926,
(Piaranthus) **ruschii** (Namibia) (desc & nah by GC Nel 1937).

†**Ruschi**, Augusto (12 Dec 1915–5 Jun 1986); Brazilian ornithologist & orchid specialist; prof at Federal Univ of Brazil 1937; explored w AFH Buining in Brazil;
species **nah:**
(Pseudopilocereus) **ruschianus** (Bahia, Espirito Santo, Minas Gerais) (desc & nah by AFH Buining & AJ Brederoo 1980) —> **Pilosocereus brasiliensis** ssp **ruschianus** by DC Zappi 1994.

Rush, Ethel; US in Los Angeles, Calif; spouse Homer Grimes Rush (19 Feb 1894–7 Jun 1957);
disc *species*:
(Sedum) **torulosum** (Coahuila) 1943 (desc by RT Clausen 1946.

†**Ruspoli**, Eugenio (6 Jan 1866–4 Dec 1893); Romania prince to Italy; ethnologist, naturalist & scientist; explored in Ethiopia & Somaliland 1892–94;
species **nah:**
(Aloe) **ruspoliana** (Ethiopia, Somalia, Kenya) (desc & nah by JG Baker 1898 & disc by D Riva 1893),
(Pterodiscus) **ruspolii** (Ethiopia, Somalia, Kenya) (desc & nah by HGA Engler 1897);
disc *species*:
(Aloe) **pirottae** [w D Riva] (Ethiopia, Kenya) (desc by A Berger 1905 & na PR Pirotta),
(Euphorbia) **glochidiata** [w D Riva] (Kenya, Ethiopia, Somalia) 1892 (desc by FA Pax 1897),
(Euphorbia) **gymnocalycioides** [w D Riva] (Ethiopia) 1893 (desc by MG Gilbert &S Carter 1984).

†**Russell**, (Lord) John, 6th Duke of Bedford (6 Jul 1766–20 Oct 1839); {J.Russell}; British politician & wealthy statesman; appointed a Knight of the Garter 1830; first spouse Georgiana [née Byng] Russell (–1801);
second spouse Georgiana [née Gordon] Russell;
species **nah:**
(Epiphyllum) **russellianum** (Brazil) (desc & nah by WJ Hooker 1839 & disc by G Gardner 1837) —> **Schlumbergera russelliana** by NL Britton & JN Rose 1913.

†**Russell**, Paul George (24 Apr 1889–1963); {P.G.Russell}; US botanist; MS at George Waxhington Univ c1909; worked at Natl Herbarium 1909–15 & at USDA as

a seed botanist, Beltsville, Maryland 1916~; collected in Mex w JN Rose & PC Stanley 1910, w JN Rose in Argentina, Texas & West Indies 1913, in Brazil 1915 & in Mex 1927;
Book 1907] *Uses of the Cacti*; Eng;
disc *species*:
(Acanthocereus) **albicaulis** [w JN Rose] (Brazil) 1915 (desc by NL Britton & JN Rose 1920) —> **Cereus albicaulis** by P von Luetzelburg 1926,
(Cactus) **bahiensis** [w JN Rose] (Brazil) 1915 (desc by NL Britton & JN Rose 1922) —> **Melocactus bahiensis** by P von Luetzelburg 1926,
(Cactus) **zehntneri** [w JN Rose] (Bahia) 1915 (desc by NL Britton & JN Rose 1922) —> **Melocactus zehntneri** by P von Luetzelburg 1926,
(Cephalocereus) **brasiliensis** [w JN Rose] (Rio de Janeiro) 1915 (desc by NL Britton & JN Rose 1920) —> **Pilosocereus brasiliensis** by C Backeberg 1960,
(Echinocereus) **scopulorum** [w JN Rose & PC Standley] (Sonora) 1910 (desc by NL Britton & JN Rose 1922),
(Lemaireocereus) **montanus** [w JN Rose & PC Standley] (Sonora) 1910 (desc by NL Britton & JN Rose 1920) —> **Stenocereus montanus** by F Buxbaum 1961,
(Neomammillaria) **sheldonii** [w JN Rose & PC Standley] (Sonora) 1910 (desc by NL Britton & JN Rose 1923 & na C Sheldon) —> **Mamm grahamii** ssp **sheldonii** by DR Hunt 2005,
(Neomammillaria) **standleyi** [w JN Rose & PC Standley] (Sonora) 1910 (desc by NL Britton & JN Rose 1923 & na PC Standley) —>**Mamm standleyi** by CR Orcutt 1926,
(Opuntia) **caribaea** [w JN Rose & WR Fitch] (Netherland Antilles, Dominican Rep, Haita, Trinidad, Tobago, Venezuela) 1913 (desc by NL Britton & JN Rose 1919) —> **Cylindropuntia caribaea** by FM Knuth 1936,
(Opuntia) **palmadora** [w JN Rose] (Brazil) 1915 (desc by NL Britton & JN Rose 1919) —> **Tacinga palmadora** by WH Stuppy & NP Taylor 2002,
(Rhipsalis) **russellii** [w JN Rose] (Brazil) 1915 (desc & nah by NL Britton & JN Rose 1923).

Russo, Lucio (16 Jun 1955–); Italian ethnologist & nurseryman; MS in communication & training techniques; working on research project w Univ of Eastern Piedmont, Italy, on resiniferatoxin & other substances found in Euphorbia for use in pharmacology;
organizer of Chiovenda Memorial Symposium 2002;
Book [2004] *The Succ Plants of Eastern Africa* Rome, Italy; 301p w 117 color photos; from proceedings of the International Chiovenda Memorial Symposium; (editor of).

†**Rust**, Johann Conrad (20 Jun 1855–20 Jun 1921); Ger farmer & merchant; to RSA 1879 & to Namibia 1900;
***species* nah:**
(Mesemb) **rustii** (Western Cape) (desc & nah by A Berger 1922) —> **Lampranthus rustii** by NE Brown 1930.

Rust, Stefen (fl. 1994); {S.Rust};
desc *species*:
(Leipoldtia) **lunata** [w HEK Hartmann] (Little Namaq) 1995;

transfer *species*:
"Leipoldtia grandifolia" (HML Bolus 1938) —> **Liepoldtia weigangiana** ssp **grandifolia** [w HEK Hartmann] 1995,
"Leipoldtia littlewood" (HML Bolus 1962) —> **Leipoldtia weigangiana** ssp **littlewoodii** [w HEK Hartmann] 1995.

†**Rutenberg**, Diedrich [Dietrich] Christian (11 Jun 1851–25 Aug 1878); {Rutenb.}; Ger traveler & plant collector; studied natural sciences at Jena Univ; collected in RSA 1877 & in Mada 1877–78; his Mada collections were desc in a series of papers by FGP Buchenau & others after his death;
disc *species*:
(Pachypodium) **rutenbergianum** (nw Mada) c1877 (desc & nah by GCW Vatke 1885).

Rutow, Jurgen (1943–); {Rutow}; official in State Dept for Maintenance of Industrial Health & Safety Standards, Aachen, Ger;
Book [1998] *Echinocereus Monography* [w M Lange, W Rischer & W Blum]; Ger/Eng; 495p;
desc *species*:
(Echinocereus) **apachensis** [w W Blum] (Arizona) 1998 (disc by SMA McKelvey 1929;
transfer *species*:
"Cereus paucispinus" (GT Engelmann 1856) —> **Echinocereus coccineus** ssp **paucispinus** [w M Lange & W Blum] 1998;
transfer *variety*:
(Echinocereus pectinatus var) **wenigeri** (LD Benson 1968) —> **Echinocereus pectinatus** ssp **wenigeri** [w W Blum] 1998.

†**Rutten-Pekelharing**, [née Pekelharing] (Dr) Catharina Johanna (1886–1920); Dutch biologist; PhD 1909; collected on 1930 expedition w PW Hummelinck to West Indies; spouse Martin Robert Rutten (1884–1946), geologist;
***species* nah:**
(Agave) **rutteniae** (Aruba of Leeward Islands) (desc & nah by PW Hummelinck 1936).

Ryan, Ray;
Book [1984] *KirstenBosch: National Botanic Garden* RSA; Ger/Eng; 77p; (photography by R Ryan).

†**Rycroft**, (Dr) Hedley Brian (26 Jul 1918–1 Dec 1990); {Rycroft}; RSA botanist; PhD at Cape Town Univ 1944; third dir of Natl Bot Gardens, Kirstenbosch, RSA 1954–85 (succeeding RH Compton); collected mostly in Cape region;
***species* nah:**
(Haworthia) **rycroftiana** (Western Cape) (desc & nah by MB Bayer 1981) —> **Haworthia mucronata** var **rycroftiana** by MB Bayer 1999.

†**Rydberg**, (Prof) (Dr) Pehr Axel (6 Jul 1860–25 Jul 1931); {Rydb.}; Swedish botanist & plant taxonomist; to US 1882; student of CE Bessey at Univ of Nebraska, Lincoln, w BS in 1891; prof of natural sciences & mathematics at Upsala College, Kenilworth, New Jersey 1895–99; PhD (student of NL Britton) at Columbia Univ, NYC 1898; curator at NY Bot Garden 1899~ & first curator at herbarium 1908~; explored in Rocky Mtns & in Great Plains areas in US 1891~;
Book [1906] *Flora of Colorado* Port Collins, Colorado; Eng; 447p,
[1917] *Flora of the Rocky Mountains & Adjacent Plains* NYC, NY; 1,110p;
desc *species*:
(Calyptridium) **pygmaeum** (Calif) 1902 —> **Cistanthe pygmaea** by MA Hershkovitz 1990,
(Lewisia) **disepala** (Calif) 1932 (disc by (Mrs) WF Dodd 1891),
(Lewisia) **minor** (Calif, Nevada, Utah) 1932 —> **Lewisia rediviva** var **minor** by PA Munz 1935,
(Oreobroma) **congdonii** (Calif) 1937 (disc by JW Congdon 1883 & nah) —> **Lewisia condgonii** by S Clay 1937.

†**Ryder**, [née Fisher-Rowe,] Eleanor Frederica (1875–Dec 1958); Eng; collected succ at Cape 1920s–30s; spouse Archibald Dudley Ryder (1867–1950);
***species* nah:**
(Haworthia) **ryderiana** (Cape) (desc & nah by JKL von Poellnitz 1937),
(Stomatium) **ryderae** (Eastern Cape) (desc & nah by HML Bolus 1936),
(Trichodiadema) **ryderae** (Eastern Cape) (desc & nah by HML Bolus 1931);
disc *species*:
(Euphorbia) **suppressa** (Western Cape) 1930 (desc by JG Marx 1999).

Ryding, Per **Olof** (1951–); {Ryding}; Sweden;
desc *species*:
(Aeollanthus) **namibiensis** (Namibia) 1982;
transfer *species*:
"Aeollanthus ericoides" (EAJ de Wildeman 1921) —> **Aeollanthus subacaulis** var **ericoides** 1986,
"Icomum lineare" (IH Burkill 1900) —> **Aeollanthus subacaulis** var **linearis** 1986.

Rye, Barbara Lynette (1952–); {Rye}; Australia;
desc *species*:
(Tetragonia) **coronata** [w ME Trudgen] (Australia) 1996.

Ryff, A;
Book [1984] *50 Jahre "Kakteenfreunde Bern", 1932–82* [w A Trussel] Bern; 29p.

†**Ryutanji**, Yu (1901–); Japan; studied medicine at Keio Univ 1922–28; founder & pres of Desert Plant Soc of Japan 1927; author of novels 1926~; IOS member 1963;
Book [c1950] *Shyaboten to Tanikushokubusto*; Japanese; 118p,

[1961] *Shyaboten* = "C&S"; Japanese; 454p w 7 color plates,
[1961] *Dictionary for Cacti*; Japanese; 512p w 16 color photos,
[1962] *Cacti Album of four Seasons* Tokyo, Japan; Japanese; 230p,
[1962] *Shaboten O Tanoshimu* = "We Enjoy Cultivating Cacti" Tokyo; Japanese; 282p,
[1963] *Cacti for Beginners*; Japanese; 173p,
[1963] *Interesting Cacti* Japan; Japanese; 282p w 20 color photos,
[1963] *Interesting Cacti*; Japanese; 282p w 20 color photos,
[1963] *Shyaboten No Shikino Alubamu* = "Four Seasons of Cacti"; Japanese; 228p,
[1964] *Shaboten Shyo-Hyaka* = "Mini-Dictionary-Enc for Cacti"; Japanese; 512p,
[1965–72] *A Color Photograph Album of C&S* Tokyo; Japanese; (in 3 Vols);
[1965] Vol 1, 159p + 64 plates of 150 color photos;
[1969] Vol 2, 225p w 64 plates of 147 color phots;
[1972] Vol 3, 277p w 68 plates of 248 color photos,
[1972] *Popular Succ*; Japanese;198p.

Rzedowski, [née Diaz-Barriga,] Graciela Calderón de (1931–);
Mex botanist; awarded José Cuatrecasas Medal for Excellence in Tropical Botany 2005; spouse J Rzedowski;

***species* nah:**
(Echeveria) **calderoniae** (Guanajuato) (desc & nah by Perez-Calix 1997);

transfer *species*:
"Euphorbia stormiae" (LCM Croizat 1939) —> **Euphorbia radians** var **stormiae** [w J Rzedowski] 1987.

Rzedowski, (Dr) Jerzy (1926–); {Rzed.}; Poland to Mex 1946;
biologist & plant geographer; PhD in biology at Independent Natl Univ of Mex 1961; worked at Escuela Nacional de Ciencias Biológicos, Instituto Politécnico Nacional; collected in Mex & Baja Calif 1957~; interested in floristic study of plants in Guanajuato, Queretaro & Michoacan; awarded José Cuatrecasas Medal for Excellence in Tropical Botany 2005; spouse GC de Rzedowski;

Book [1990] *Flora Fanerogamica del Valle de Mex, Vol 3 (Monocotyledonae)* Patzcuaro; 494p,
[1994] *Vegetacion de Mex* Mex City; 432p;

disc *species*:
(Euphorbia) **gradyi** (Oaxaca, Puebla) 1959 (desc by VW Steinmann & A Ramirez-Roa 1999 & na Grady L Webster);

desc *species*:
(Bursera) **bolivarii** (Geurrero, Puebla) 1970 (na C Bolivar y Pieltain),
(Yucca) **potosina** (San Luis Potosi) 1955;

transfer *species*:
"Euphorbia stormiae" (LCM Croizat 1939) —> **Euphorbia radians** var **stormiae** [w G Calderon] 1987.

Rzepecky, Alain (?–); France; owner of succulent nursery;
spouse MC Rzepecky;
desc *species*:
(Euphorbia) **marie-cladieae** (Socotra) 2013 (disc by him 2012 & na Marie Cladie Rzepecky).

Rzepecky, Marie Cladie (?–); France; spouse MC Rzepecky;
***species* nah:**
(Euphorbia) **marie-cladieae** (Socotra) (desc & nah by A Rzepecky 2013 & disc by him 2012).

S

†**Sabo**, [née Knight,] Kathryn [**Kitty**] Mae (1 Dec 1917–Nov 2005); US c&s hobbyist & explorer in Woodland Hills, Calif; CSSA Show Chair 1970–80 & BoD 1971–83;
C&S Journal writer; San Gabriel C&SS pres 1977–79; CSSA pres 1980–81;
CSSA Superior Service award 1987; spouse Joe Sabo (–1998);
disc *species*:
(Mamm) **saboae** (Chihuahua) (desc & nah by CE Glass 1966 & disc by her & her son Brian 1965).

Saboureau, Pierre (fl. 1947–60); French conservationist; nature conservation officer in Mada 1958–60;
***species* nah:**
(Senecio) **saboureaui** (Mada) (desc & nah by J-H Humbert 1962).

Sacamano, (Prof) (Dr) Charles M; US horticulturist; PhD in horticulture at
Univ of Missouri, Columbia & prof there; prof of horticulture & plant biology at
Univ of Arizona, Tucson 20 yrs; explored in Mex;
Book [2000] *Landscape Plants for Dry Regions* [w WD Jones] Tucson, Arizona; Eng; 366p;
desc *species*:
(Pedilanthus) **connatus** [w RL Dressler] (Jalisco) 1992.

†**Sacleux**, Charles Joseph (28 Feb 1856–1943); often referred to as Rev Père (or RP) Sacleux; French missionary, botanist & Swahili scholar; to Zanzibar 1871–98;
collected on Zanzibar Island & in Tanzania 1877–94 for Natl Natural History Museum
bot garden, Paris, France; prof at Holy Ghost Fathers Seminary, Chevilly, France 1898~;
disc *species*:
(Monadenium) **crispum** (Tanzania) 1897 (desc by NE Brown 1913),
(Sansevieria) **arborescens** (Kenya, Tanzania) (desc by J Gerome & O Labroy 1903),
(Sansevieria) **bagamoyensis** (Tanzania) (desc by NE Brown 1913).

Saddi, (Prof) (Dr) Nagib (fl. 1983); Brazilian botanist, taxonomist;
prof at Universidade Federal de Mato Grosso, Cuiabá, Brazil;
disc *species*:

(Monvillea) **saddiana** [w A de Mattos-Filho] (Mato Grosso) 1983 (desc & nah by CT Rizzini & A de Mattos-Filho 1985) —> **Cereus saddianus** by PJ Braun 1988.

†**Sadowsky**, [Sadowský, Sadovsky, Sadovský,] Otakar (10 May 1893–19 Apr 1990); {Sadovsky}; Czech horticulturist in Brno; interested in Astrophytum genus;

Book [1957] *Kakteen-Sterne die Astrophyten* [w W Haage] Radebeul, Ger; Ger; 156p w 2 color photos,

[1979] *Die Gattung Astrophytum* [w B Schutz] Titisee-Neustadt, Ger; Ger; 248p w 16 color plates; (rev 1993 w214p & 20 color plates),

[1990] *Vzpominky Stareho Kaktusare*; Brno; Ger; 72p.

†**Safford**, (Dr hc) Wm Edwin [**Ned**] (14 Dec 1859–10 Jan 1926); {Saff.}; US botanist, ethnologist, linguist & naturalist; graduate in marine biology at US Naval Academy 1880; in US Navy 1880–1902; worked w economic & systematic botany at USDA 1902~; explored & collected in Mex & S Amer; honorary PhD at George Washington Univ 1920;

Book [1909] *Cactaceae of Northeastern and Central Mexico* Washington DC; Eng; 39p w 15 plates.

†**Saglio**, Joseph (fl. 1847); French cactus hobbyist;
***species* nah:**

(Echinocactus) **saglionis** (Argentina) (desc & nah by J-M Cels 1847) —> **Gymnocalycium saglionis** by NL Britton & JN Rose 1922.

Sahagun, [Sahagún Godinez,] Eduardo (1963–); {Sahagun}; Mex botanist;
prof at Jardín Botánico y Herbario, Facultad de Ciencias Químicas y Biológicas, Universidad Autónoma de Guadalajara, Jalisco; collected in Mex;
desc *species*:

(Pedilanthus) **diazlunanus** [w JA Lomeli] (Jalisco) 1993 (na CL Diaz Luna).

†**Saint-Hilaire**, **Auguste** [Augustin] François César Prouvençal de (4 Oct 1799–30 Sep 1853); {A.St.-Hil.}; wealthy French botanist, naturalist & entomologist; worked w AL de Jussieu; explored & collected some 24,000 specimen plants in Brazil & Uruguay 1816–22 & 1830; prof at faculty of sciences, Paris 1830;
disc *species*:

(Rhipsalis) **lindbergiana** (Brazil) ≈1823 (desc by K Schumann 1890);

(Vasconcellea) **quercifolia** (Bolivia, Paraguay, Brazil, Uruguay, Argentina, Peru) 1837 —> **Carica quercifolia** by GHE Hieronymus 1882.

†**Saint-Lager**, (Dr med) Jean Baptiste (4 Dec 1825–29 Dec 1912); {St.-Lag.}; French physician, botanist, bot historian, librarian & bibliographer; MD at Paris Univ 1850; physician 1850–62 & private scientist traveling for bot & medical studies 1862–90;
desc *genus:*
Ficindica 1880 (syn of Opuntia MILLER).

Sajeva, (Dr) Maurizio; Italian botanist & ecologist; worked at dept of botany, Univ of Palermo, Italy, 1984~; pres of Associazione Italiana Amatori Piante Succulente (Italian C&SS); IOS member 1982;
Book [1989] *Manuale per l'Identificatione Delle Cactaceae–Piante Grasse 1989* [w AM Orlando]; Italian; 32p w 50 color photos,
[1992] *Handbook for the Identification of Cactaceae & Other Succ* [w A Cattabriga, A Orlando & E Oddo] Bologna, Italy; Italian/Eng; 30p w 50 color photos,
[1994] *Succ, The Illustrated Dictionary* [w M Costanzo] Portland, Oregon; Eng; 239p w 1,212 photos,
[2000] *Succ II, The New Illustrated Dictionary* [w M Costanzo] Portland, Oregon; Eng; 234p w 1,218 color photos,
[2004] *CITES & Succulents: An Introduction to Succ Plants covered by the Convetntion on the International Trade in Endangered Species* [w M Groves, M Mustard, C Brodie & HN McGough] Kew; Eng; 49p.

†**Salazar**, António de Oliveira (28 Apr 1889–27 Jul 1970); Portuguese politician; prof of political economics at Univ of Coimbra ≈1928; Prime Minister of Portugal 1932–68;
***species* nah:**
(Kalanchoe) **salazarii** (Angola) (desc & nah by Raymond-Hamet 1963).

Salazar, Gerardo A; Mex; orchid specialist at Herbario Nacional de Mex (MEXU);
disc *species*:
(Sedum) **salazarii** [w D Burguete & C Granados] (Guerrero) 2006 (desc by J Reyes-Santiago & O Gonzalez-Zorzano 2011& na GA Salazar).

Salazar-Cesena, [Salazar-Ceseña,] J Mario; {Salazar-Cesena};
desc *species*:
(Agave) **turneri** [w RH Webb] (Baja Calif) 2011 (disc by JM Salazar-Ceseña 2009 & na ? Turner).

†**Salisbury**, (Sir) Edward James (16 Apr 1886–10 Nov 1978); {E.Salisb.}; British botanist; dir of Royal Bot Gardens at Kew 1943–56; Qwain Pof of botany, Univ College, London 1929–45; knighted 1946;
transfer *species*:
(Lemaireocereus) **godingianus** (NL Britton & JN Rose 1920) —> **Armatocereus**

godingianus 1947.

†**Salisbury**, [né Markham ≈1785] Richard Anthony (2 May 1761–23 Mar 1829); {Salisb.}; British botanist, bot artist & gardener; had garden at Chapel Allerton, Yorkshire & then at Mill Hill, London; FRS 1787; secretary of Horticultural Soc London 1805–16; advocated a natural classification scheme for plants; spouse Caroline [née Staniforth] Salisbury;

desc *genera*:

Rhadamanthus (Namibia, RSA) 1866 (na Rhadamanthus in Greek mythology, son of Zeus & Europa & brother of Minos),

Testudinaria (RSA) 1824 (syn of Dioscorea LINNAEUS);

desc *species*:

(Cotyledon) **rupestris** (Europe, Egypt, Turkey, Cyprus) 1796 —> **Umbilicus rupestris** by JE Dandy 1948,

(Yucca) **recurvifolia** (Louisiana, Florida, Mississippi, Alabama, Georgia B) 1806;

transfer *species*:

"Tamus elephantipes" (CL L'Heritier 1788) —> **Testudinaria elephantipes** 1824 & later —> **Dioscorea elephantipes** by HGA Engler 1908.

†**Salm-Dyck**, [Salm-Reifferscheid-Dyck,] Joseph Franz Maria Anton Hubert Ignatz [Ignaz], Fürst [Prince] und Altgraf zu (4 Sep 1773–21 Mar 1861); {S.D.}; Ger (Prussian) botanist, horticulturist, plantsman & bot artist; Prussian Prince w an extensive botanical library & who owned very large succ collection at Castle Dyck, Düsseldorf; educated in Vienna, Brussels & Paris; pub several books, some w his own illustrations; pub catalogs of his own plants 1809–50; P-J Redoute was an influence in his bot art; elected to Imperial Leopold-Caroline Academy of Naturalists 1819; spouse Constance Marie [née Theis] (1767–1845);

Book dedicated to him:

a) 'Enumeratio Diagnostica Cactearum' 1837 by LKG Pfeiffer,

b) 'Cactearum Aliquot Novarum' 1838 by AC Lemaire,

c) 7th Vol of Curtis' Bot Magazine of 1843 (see W Curtis);

Book [1816] *Plantae Succ Horti Dyckensis* Dusseldorf, Ger; 32p,

[1817] *Verzeichnis der Verschiedenen Arten und Abarten des Geschlechts Aloe* Dusseldorf; 72p,

[1820–22] *Observationes Botanicae in Horto Dyckensi notatae* Koln; 119p; (in 3 parts);

[1820] Part 1; 35p;

[1821] Part 2; 37p;

[1822] Part 3; 47p,

[1822] *Index Plantarum Succulentarum in Horto Dyckensi Cultarum* Aquisgrani; 60p; (rev 1829 w 71p & 1843 w 92p),

[1834] *Hortus Dyckensis (Catalogue des Plantes Cultivées Dans les Jardin de Dyck* Dusseldorf; Latin; 376p; (1989 reprint of Cacteae portion; Ger/Latin; 80p),

[1836–63] *Monographia Generum Aloës et Mesemb* Dusseldorf; 352p of plates w text;

(no text in posthumous fascicle 7),

[1841] *Cacteae en Horto Dyckensi Cultae en anno 1841* Bonn, Ger; 48p; (1993 reprint in Latin w 70p),

[1845] *Cacteae in Horto Dyckensi Cultae Anno 1844 Additis Tribuum Generumque Characteribus Emendatis* Paris, France; Latin; 54p; (1988 reprint w 60p),

[1850] *Cacteae in Horto Dyckensi Cultae Anno 1849 (Secundum Tribus et Genera Digestae)* Bonn, Latin; 266p; (a catalogue of cacti in his own garden),

[1859] *Bemerkungen uber die Gattungen Agave und Fourcroya* Hannover, Ger; 13p;

***genera* nah:**

Dyckia (S Amer) (desc & nah by JH Schultes 1830);

desc *genera*:

Diotostemon 1854 (syn of Pachyphytum LINK, OTTO & KLOTZSCH),

Nopalea (Mex, Costa Rica, Guatemala, Honduras, Nicaragua) 1850,

Pfeiffera (Bolivia, Argentina, Ecuador, Peru) 1845 (na LKG Pfeiffer);

species nah:

(Echinocereus) **salm-dyckianus** (Chihuahua) (desc & nah by F Scheer 1856),

(Mesemb) **dyckii** (RSA) (desc & nah by A Berger 1922) —> **Lampranthus dyckii** by NE Brown 1930,

(Mesemb) **salmii** (Eastern Cape, Western Cape) (desc & nah by AH Haworth 1819) —> **Glottiphyllum salmii** by NE Brown 1922,

(Opuntia) **salmiana** (Bolivia, Paraguay, Argentina) (desc & nah by LKG Pfeiffer 1837);

desc *species*:

(Agave) **atrovirens** (Oaxaca, Puebla, Veracruz, Guerrero) 1834,

(Agave) **attenuata** (Jalisco, Michoacan, state of Mex) 1834,

(Agave) **filifera** (Hidalgo, San Luis Potosi, Aguascalientes, Guanajuato, Queretaro, Michoacan, state of Mex, Veracruz) 1834,

(Agave) **salmiana** (Mex) 1859 (na him),

(Agave) **sobolifera** (Jamaica) 1834,

(Agave) **stricta** (Puebla, Oacaca) 1859,

(Agave) **Xylonacantha** (Hidalgo, San Luis Potosi, Tamaulipas, Queretaro, Guanajuato) 1859,

(Aloe) **brachyphylla** (Western Cape) 1840 —> **Gasteria brachyphylla** by EF van Jaarsveld 1992,

(Aloe) **congesta** (Eastern Cape) 1854 —> **Astroloba congesta** by AJA Uitewaal 1947,

(Aloe) **ecklonis** (Lesotho, Swaziland, Eastern Cape, Natal, Mpumalanga, Free State) 1849 (disc by CF Ecklon 1836 & nah),

(Aloe) **glabra** (Western Cape) 1917 —> **Gasteria carinata** var **glabra** by EJ van Jaarsveld 1998,

(Aloe) **glabrata** (Eastern Cape) 1834 —> **Haworthia glabrata** by JG Baker 1880,

(Aloe) **grandidentata** (Northern Cape, North-West, Free State, Botswana) 1822,

(Aloe) **microstigma** (Western Cape, Eastern Cape) 1854,

(Aloe) **nitida** (Eastern Cape) 1817 —> **Gasteria nitida** by AH Haworth 1827,

(Aloe) **reinwardtii** (Eastern Cape) 1821 (disc by CGK Reinwardt 1816 & nah) —> **Haworthia reinwardtii** by AH Haworth 1821,

(Bulbine) **narcissifolia** (Eastern Cape, Natal) 1834,

(Cereus) **macracanthos** (Netherlands Antilles) 1820 —> **Melocactus macracanthos** by JHF Link & CF Otto 1827,

(Cereus) **acifer** (Mex) 1850 —> **Echinocereus acifer** by FA Haage 1859,

(Cereus) **candicans** (Argentina)1834 (disc by J Gillies 1823) —> **Echinopsis candicans** by DR Hunt 1987,

(Cereus) **coryne** (Argentina, Bolivia, Paraguay) 1850 —> **Stetsonia coryne** by NL Britton & JN Rose 1920,

(Cereus) **donkelaarii** (Campeche, Quintana Roo, Tabasco, Yucatan, Belize) 1845 (na A van Donkelaar) —> **Selenicereus donkelaarii** by R Bauer 2003,

(Cereus) **ocamponis** (Colima, Jalisco, state of Mexico, Nayarit, Sinaloa) 1850 (na M Ocampo) —> **Hylocereus ocamponis** by NL Britton & JN Rose 1909,

(Cereus) **ramulosus** (S Amer, Central Amer, West Indies, Mex) 1834 —> **Pseudorhipsalis ramulosa** by WA Barthlott 1991,

(Cereus) **scheeri** (Chihuahua, Sinaloa, Sonora) 1850 (disc by J Potts 1846 & na F Scheer) —> **Echinocereus scheeri** by F Scheer 1856,

(Cereus) **strigosus** (Argentina) 1834 (disc by J Gillies 1824) —> **Echinopsis strigosa** by H von Friedrich & GD Rowley 1974,

(Cotyledon) **maculata** (Western Cape) 1820 —> **Adromischus maculates** by AC Lemaire 1852,

(Diotostemon) **hookeri** (San Luis Potosi, Aguascalientes) 1854 (na JD Hooker) —> **Pachyphytum hookeri** by A Berger 1930,

(Echinocactus) **cinerascens** (Atacama) 1845 (disc by TC Bridges c1841) —> **Copiapoa cinerascens** by NL Britton & JN Rose 1922,

(Echinocactus) **echinoides** (Chile) 1845 (disc by TC Bridges 1841) —> **Copiapoa echinoides** by NL Britton & JN Rose 1922,

(Echinocactus) **haynii** (Peru) 1850 (na FG Hayne) (species name corrected to E **haynei** by KM Schumann 1903) —> **Matucana haynei** by NL Britton & JN Rose 1922,

(Echinocactus) **leucanthus** (Argentina) 1834 —> **Echinopsis leucantha** by WG Walpers 1843.

(Echinocactus) **marginatus** (Antofagasta) 1845 (disc by TC Bridges 1841) —> **Copiapoa marginata** by NL Britton & JN Rose 1922,

(Echinocactus) **obrepandus** (Bolivia) 1845 (disc by TC Bridges 1844) —> **Echinopsis obrepanda** by KM Schumann 1894,

(Echinocactus) **odieri** (Chile) 1850 (na J Odier) —> **Eriosyce odieri** by F Kattermann 1994,

(Echinocactus) **pilosus** (Mex) 1850 —> **Ferocactus pilosus** by E Werdermann 1933,

(Echinocactus) **pottsii** (Chihuahua, Sinaloa, Sonora) 1850 (disc by J Potts & nah) —> **Ferocactus pottsii** by C Backeberg 1961,

(Echinocactus) **rhodacanthus** (Argentina) 1834 (disc by J Gillies 1823) —> **Denmoza rhodacantha** by NL Britton & JN Rose 1922,

(Echinocactus) **scheeri** (Texas, Nuevo Leon, Tamaulipas) 1850 —> **Sclerocactus scheeri** by NP Taylor 1987,

(Echinocactus) **williamsii** (Texas, San Luis Potosi, Tamaulipas, Chihuahua, Zacatecas,

Coahuila, Nuevo Leon) 1845 (na CH Williams) —> **Lophophora williamsii** by JM Coulter 1894,
(Echinocereus) **subinermis** (Chihuahua) 1856 (disc by J Potts 1845),
(Echinopsis) **bridgesii** (La Paz) 1850 (na TC Bridges),
(Mamm) **columbiana** (Colombia, Venezuela) 1850,
(Mamm) **melaleuca** (Tamaulipas) 1850,
(Mamm) **pottsii** (Texas, Nuevo Leon, Coahuila, San Luis Potosi, Durango, Zacatecas) 1850 (na J Potts),
(Mamm) **senilis** (Chihuahua, Durango, Sinaloa, Nayarit) 1850 (disc by J Potts after 1842),
(Mesemb) **amoenum** (RSA) 1828 —> **Lampranthus amoenus** by NE Brown 1930,
(Mesemb) **asperulum** (Western Cape) 1849 —> **Delosperma asperulum** by HML Bolus 1950,
(Mesemb) **congestum** (RSA) 1854 —> **Ruschia congesta** by HML Bolus 1927,
(Mesemb) **coralliflorum** (RSA) 1842 —> **Lampranthus coralliflorus** by NE Brown 1930,
(Mesemb) **ecklonis** (na CF Ecklon) —> **Delosperma ecklonis** by MHG Schwantes 1927,
(Mesemb) **multiceps** (Eastern Cape) 1854 —> **Bergeranthus multiceps** by MHG Schwantes 1926,
(Mesemb) **rhomboideum** (Eastern Cape) 1849 —> **Rhombophyllum rhomboideum** by MHG Schwantes 1927,
(Mesemb) **schollii** (Western Cape) 1820 (na G Scholl) —> **Ruschia schollii** by MHG Schwantes 1949,
(Mesemb) **zeyheri** (Eastern Cape) 1842 (na CLP Zeyher) —> **Lampranthus zeyheri** by NE Brown 1930,
(Opuntia) **boliviana** (Argentina, Bolivia) 1845 —> **Cumulopuntia boliviana** by F Ritter 1980,
(Opuntia) **caracasana** (Venezuela, Netherlands Antilles, El Salvador, Trinidad, Tobago) 1850 (disc by CF Otto 1849),
(Opuntia) **corrugata** (Argentina) 1834 (disc by J Gillies ≈1824) —> **Tunilla corrugata** by DR Hunt & J Iliff 2000,
(Opuntia) **decumbens** (Mex) 1834,
(Opuntia) **dejecta** (Cuba) 1834 —> **Nopalea dejecta** by him 1850,
(Opuntia) **elata** (Paraguay, Uruguay, Argentina, Brazil) 1834,
(Opuntia) **engelmannii** (Chihuahua, Aguascalientes, Chihuahua, Coahuila, Neuvo Leon, San Luis Potosi, Tamaulipas, Zacatecas, Durango) 1850 (disc by FA Wislizenus 1846 & na GT Engelmann),
(Opuntia) **floccosa** (Peru) 1834 —> **Austrocylindropuntia floccose** by F Ritter 1981,
(Opuntia) **pottsii** (Chihuahua, Texas, New Mex, Arizona) 1850 (disc by J Potts 1840s & nah),
(Opuntia) **sulphurea** (Argentina) 1834,
(Opuntia) **tomentosa** (central Mex) 1822,
(Opuntia) **vestita** (Argentina, Bolivia) 1845 (disc by TC Bridges c1844) —> **Austrocylindropuntia vestita** by C Backeberg 1939,
(Pilocereus) **celsianus** (Jujuy, Bolivia) 1850 (na JF Cels) —> **Oreocereus celsianus** by V Riccobono 1909;

transfer *species*:

"Cactus cochenillifer" (C Linnaeus 1753) —> **Nopalea cochenillifera** 1850,
"Echinocactus formosus" (LKG Pfeiffer 1837) —> **Echinopsis formosa** 1850,
"Lepismium paradoxum" (LKG Pfeiffer 1837) —> **Rhipsalis paradoxa** 1850,
"Opuntia auberi" (LKG Pfeiffer 1840) —> **Nopalea auberi** 1850;

desc *variety*:

(Agave micrantha var) **albidior** (Hidalgo) 1859 —> **Agave mitis** var **albidior** by B Ullrich 1993,

(Echinocactus electracanthus var) **haematacanthus** (Puebla, Veracruz) 1850 —> **Ferocactus haematacanthus** by C Backeberg & FM Knuth 1936,

(Mesemb agninum var) **integrifolium** —> **Stomatium agninum** var **integrifolium** by R Volk.

†**Salter**, (Dr hc) Terence Macleane (5 Feb 1883–30 Mar 1969); {T.M.Salter}; British military 1900–30; amateur botanist in RSA 1930~; worked at Bolus Herbarium 1930–60; honorary DSc at Univ of Cape Town 1955; specialized in Oxalis;

Book [1950] *Flora of the Cape Peninsula* [w RS Adamson]; 889p; (Mesemb 17p, Crassulaceae 11p);

***species* nah:**

(Mesemb) **salteri** (Western Cape) (desc & nah by HML Bolus 1934) —> **Lampranthus salteri** by HML Bolus 1939;

desc *species*:

(Asparagus) **ovatus** (Western Cape, Eastern Cape) 1984 —> **Myrsiphyllum ovatum** by AA Obermeyer 1984,

(Pelargonium) **pillansii** (Western Cape) 1938 (na NS Pillans).

Samain, (Dr) Marie-Stéphanie; Belgium botanist; PhD at Ghent Univ, Belgium 2008; assistant prof at Ghent Univ 2009~; studied and explored in Bolivia, Chile, Colombia, Equador, Kenya, Mex, Peru, Surinam;

***species* nah:**

(Peperomia) **samainiae** (Peru) (desc & nah by GE Pino 2012 & disc by E Cerrate 1956);

desc *species*:

(Peperomia) **mathieui** [w G Pino] (Peru) 2012 (disc by PC Hutchison & JK Wright 1964 & na G Mathieu),

(Peperomia) **mitoensis** [w G Pino] (Peru) 2012 (disc by M-S Samain, V Morales & G Pino 2010),

(Peperomia) **palmiformis** [w G Pino] (Peru) 2012 (disc by G Mathieu, L Symmank & G Pino 2009).

†**Sampaio**, Gonçalo Antonio da Silva Ferreira (29 Mar 1865–27 Jul 1937); Portuguese botanist; studied at Coimbra Polytechnic & Univ of Coimbra; worked at Univ of Porto 1901–35 & as prof of botany 1912–35;

***species* nah:**

(Haworthia) **sampaiana** (desc & nah by FP de Resende 1940).

San Jose Munoz, [San José Muñoz,] José de Jesús;
Book [1974] *An Investigation in Certain Productivity Parameters of Kalanchoe blossfeldiana & the Implications relative to Improving Greenhouse Production* Davis, Calif; Eng; 106p.

Sanchez, [Sánchez,] Diódoro Granados;
Book [1991] *El Nopal [w Ana Dunia Castaneda]; Spanish; 227p,*
[1993] *Los Agaves en Mex* Mex City, Mex; Spanish; 252p.

Sanchez, [Sanchez Martinez,] Emiliano (fl. 1990s); {E.Sanchez};
desc *species*:
(Agave) **tenuifolia** [w S Zamudio] (Tamaulipas, Queretaro) 1995.

Sanchez Barra, Francisco R;
Book [2004] *The Genus Turbinicarpus in San Luis Potosi* [w JM Sotomayor, A Arredondo Gomez & MM Mendez] Italian Cactus Soc; Eng; 147p.

Sanchez Lopez, A;
Book [1989] *Oaxaca, Tierra de Maguey y Mezcal* Oaxaca; Mex; 179p.

Sanchez Marroquin, A; prof at Univ of Mex;
Book [1967] *Industrializacion del Maguey* Chapingo; Mex; 166p,
[1979] *Los Agaves de Mexico en la Industria Alimenticia* Mex City; Mex; 529p.

†**Sanchez-Mejorada**, [Sánchez-Mejorada,] **Hernándo** (3 Oct 1926–11 Mar 1988); {Sanchez-Mej.}; Mex businessman, botanist & naturalist; biologist at Natl Autonomous Univ of Mex; research technician at Univ Bot Garden in Mex City, Mex; co-founder of Sociedad Mexicana de Cactologia (the Mex Soc of Cactology) 1951 & pres 1972~; IOS member 1974 & pres 1984–87; CSSA Fellow award 1980; devoted student of succ plants; spouse María Teresa [Tere] [nèe Gargollo Riva] Sanchez-Mejorada;
Book [1974] *Revision del Genero Peniocereus (Las Cactaceas)* Toluca, Mex; Spanish; 58p,
[1978] *Manual de Campo de Las Cactaceas y Sucultntas de la Barrance de Metztitlan* = "(A Field Guide to C&S of the Barranca Metztitlan Valley Canyon)" Mex City; Spanish 86p/Eng 45p,
[1978–91] *Las Cactaceae de Mex*; Mex City;
[1978] Vol 1*, 743p (H Bravo-Hollis 1937 rev);
[1991] Vol 2*, 404p;
[1991] Vol 3*, 643p,
[1982] *Some pre-Hispanic uses of Cacti among the Indians of Mex* Toluca; Eng; 42p,
[1989] *Claves Para la Identificaction de las Cactaceas de Mex** Mex; Spanish; 91p;
*w H Bravo-Hollis

***species* nah:**

(Echeveria) **sanchez-mejoradae** (Hidalgo) (desc & nah by EE Walther 1972 & disc by EE Walther 1959) —> **Echeveria halbingeri** var **sanchez-mejoradae** by MW Kimnach 1998,
(Mamm) **sanchez-mejoradae** (desc & nah by R Gonzalez 1992 & disc by R Gonzalez 1986),
(Neobuxbaumia) **sanchezmejoradae** (Oaxaca) (desc & nah by AB Lau 1994 & disc by AB Lau 1976);

disc *species*:

(Echinocereus) **lindsayi** (Baja Calif) 1975 (desc by J Meyran 1975 & na GE Lindsay) —> **Echinocereus ferreirianus** ssp **lindsayi** by NP Taylor 1997,
(Echinocereus) **tayopensis** [w DB Gold] (Sonora, Chihuahua) 1956 (desc by WT Marshall 1956) —> **Echinocereus stoloniferus** ssp **tayopensis** by NP Taylor 1997,
(Echinocereus) **tulensis** (San Luis Potosi, Tamaulipas) 1973 (desc by H Bravo-Hollis 1973) —> **Echinocereus cinerascens** ssp **tulensis** by NP Taylor 1997,
(Sedum) **suaveolens** [w MW Kimnach] (Durango) 1976 (desc by MW Kimnach 1978),
(Selenicereus) **validus** (Michoacán) 1987 (desc by S Arias Montes & LU Guzman Cruz 1995);

desc *species*:

(Mamm) **xaltianguensis** (Guerrero, Michoacan) 1975 (disc by him 1970),
(Neobuxbaumia) **squamulosa** [w L Scheinvar] (Colima, Michoacán, Guerrero) 1990 (disc by H Sanchez-Mejorada et al 1987),
(Neoevansia) **lazaro-cardenasii** [w JLR Contreras Jimenez, J Jimenez Ramirez & CA Toledo Manzur] (Michoacan, Guerrero) 1980 (na L Cardenas) —> **Peniocereus lazaro-cardenasii** by DR Hunt 1991,
(Opuntia) **excelsa** (Colima, Jalisco) 1972 (disc by him 1971),
(Peniocereus) **castellae** (Colima, Jalisco, Michoacan) 1974 (disc by MT Castella & nah),
(Peniocereus) **cuixmalensis** (Guerrero to Jalisco) 1973 (disc by him 1969),
(Stenocereus) **chrysocarpus** (Michoacan) 1972 (disc by him 1971),
(Stenocereus) **fricii** (Michoacan, Colima, Jalisco) 1973 (disc by him 1971 & na AV Fric);
(Wilcoxia) **mariana** (Sonora, Sinaloa) 1942 (disc by him 1937) —> **Peniocereus marianus** by H Sanchez-Mejorada 1962,

disc *subsp*:

(Echinocereus parkeri ssp) **mazapilensis** (Zacatecas) 1987 (desc by W Blum & M Lange 1998).

†Sanchez Mora, José Maríano (1800–14 May 1845);
Mex soldier, public servant & businessman; first spouse María Antonia [née Flores Alatorre] Sanchez Mora; second spouse Vincenta [née Irolo] Sanchez Mora;
Book [1837] *Memoria Instructiva Sobre el Maguey o Agave mexicana* Mex City; Mex; 40p.

†Sanderson, John (16 Oct 1820–Mar 1881); {Sand.}; Scottish journalist, artist, horticulturist & trader; to Durban, Natal 1850; collected in Natal 1850~;
sent collected plants to WH Harvey;

***species* nah:**

(Lasiostelma) **sandersonii** (Eastern Cape, Natal) (desc & nah by D Oliver 1883)

—> **Brachystelma sandersonii** by NE Brown 1908;
disc *species*:
(Caralluma) **lutea** (Namibia, Mozambique, Botswana, Zimbabwe, North-West, Northern Cape, Limpopo, Gauteng, Free State, Mpumalanga) ≈1854 (desc by NE Brown 1891) —> **Orbeopsis lutea** by PV Bruyns 2001,
(Ceropegia) **sandersonii** (RSA, Swaziland) 1867 (desc & nah by JD Hooker 1869),
(Euphorbia) **gueinzii** (RSA, Lesotho, Swaziland) c1854 (desc by PE Boissier 1862 & na W Gueinzius),
(Micraster) **pulchellum** (Limpopo, Natal) (desc by WH Harvey 1868) —> **Brachystelma pulchellum** by FRR Schlechter 1895.

†**Sangro**, Raimondo di, (30 Jan 1710–22 Mar 1771); 7th Prince of Sansevero; Italian nobleman, inventor, soldier, writer, scientist, alchemist, naturalist; a patron of Horticulture;
***genus* nah:**
Sansevieria (desc & nah by CP Thunberg 1794).

Sanseverino, see **Sangro**, Raimond de.

Santana, Frederick J; MS at Univ of Arizona, Tucson 1961;
Book[1961] *The Biology of Immature Diptera Associated w Bacterial Decay in the Giant Saguaro Cactus (Cereus giganteus Engelmann)* Tuscon, Arizona; Eng; 60p; (MS thesis).

†**Santapau**, (Rev) (Dr) Hermenegild N (5 Dec 1903–13 Jan 1970); Spanish Jesuit priest & botanist; PhD in botany at London Univ; to India 1928; dir of The Blatter Herbarium, na E Blatter 1941; dir of bot survey of India; pres of Indian Bot Soc 1955;
Book [1962] *The Asclepiadaceae & Periplocaceae of Bombay* [w NA Irani] Univ of Bombay; 118p;
***species* nah:**
(Euphorbia) **santapaui** (India) (desc & nah by AN Henry 1965).

Santbrink, G van;
Book [1995] *Astrophytum* Castricum; 29p.

†**Santos**, José Vera (1908–1987); {Santos}; Filipino botanist; prof of botany at Univ of the Philippines & Jose Vera Santos herbarium nah 1999; collected in Sonora, Veracruz, Oaxaca, Chiapas, Puebla, Mex 1941–44 & in Philippines;
desc *forma*:
(Euphorbia atropurpurea fa) **lutea** (Tenerife of Canary Islands) 1988.

†**Sanzin**, Renato (1896–1921); Mendoza, Argentina; collected in Argentina;
Book [1919] *Apuntes Sobre Cactaceas de Mendoza* Buenos aires, Argentina; Spanish; 4p.

†**Sapin**, Adolphe (1869–1914); chief scientific officer of a mission for Compagnie du Kasai company in Zaire;
species **nah:**
(Euphorbia) **sapinii** (western Africa, Congo, Cameroon) (desc & nah by EAJ de Wildeman 1908).

Sardien, Tommy (1932–); RSA; curator of S African succ at Kirstenbosch Natl Bot Garden, RSA;
species **nah:**
(Ornithogalum) **sardienii** (Western Cape) (desc & nah by EJ van Jaarsveld 1994).

†**Sargent**, (Mr) ? (fl. 1912); gave plants to Missouri Bot Garden;
variety **nah:**
(Agave angustifolia var) **sargentii** (Puebla) (desc & nah by WA Trelease 1912) —> **Agave vivipara** var **sargentii** by PI Forster 1992.

†**Sargent**, Charles Sprague (21 Apr 1841–22 Mar 1927); {Sarg.}; US botanist, dendrologist, horticulturist & scientist; BS at Harvard Univ, Cambridge, Massachusetts 1862; horticulturist at family's Jamaica Plain estate 1865–72; first dir of Arnold Arboretum at Harvard Univ 1873~; collected in US, China, Korea, Tibet & Japan; corresponded w J Muir; Garden Club of Amer Medal of Honor award 1920; spouse Mary Allen [née Robeson] Sargent (1853–1919);
Book [1896] *Silova N Americana, Vol 10 (Yucca)* NY; Eng; 28p;
transfer ***species*****:**
"Samuela faxoniana" (WA Trelease 1902) to **Yucca faxoniana** 1905.

†**Sarkaria**, Bhupinder Kour (-2002); India; spouse JS Sarkaria;
species **nah:**
(Caralluma) **bhupinderiana** (India) (desc & nah by JS Sarkaria 1980 & disc by him 1977).

†**Sarkaria**, (Dr med) Jagdish Singh (1919–15 Aug 2004); {Sarkaria}; Chandigarh, India physician, surgeon & succ plant enthusiast; editor of Natl C&SS of India; collected Carallumas in India; spouse BK Sarkaria;
species **nah:**
(Caralluma) **sarkariae** (India) (desc & nah by JJ Lavranos & RMI Frandsen 1978);
desc ***species*****:**
(Caralluma) **bhupinderiana** (India) 1980 (disc by him 1977 & na Bhupinder K Sarkaria);
desc ***variety*****:**
(Caralluma adscendens var) **carinata** (India) 1984.

Sarnes, Elisabeth & Norbert;
Book [2012] *Cactus de Patagonia*; Ger/Eng; 80p w 92 color illustrations.

†**Sarnthein**, Ludwig von [Graf von Sarnthein zu Rottenbuch, Kellerburg und Kränzenstein] (4 Jan 1861–1 Feb 1914); {Sarnth.}; Austrian botanist & government adminstrator;
desc *species*:
(Sedum) **donatianum** [w KD Torre] 1909.

Saroja, TL (fl. 1961); {Saroja};
desc *species*:
(Jatropha) **tanjorensis** [w JL Ellis] (India) 1961.

Sarson, M;
Book [1973] *Observations Preliminaires sur certaines Cactees Locales ou Introduites en Tunisie* [w A Hamrouni]; 79p.

†**Sartorius**, Carl [Carlos] Christian Wilhelm (31 Aug 1796–16 Jan 1972); Ger to Veracruz, Mex 1824; farmer & dir of a silver mine; interested in botany;
***species* nah:**
(Mamm) **sartorii** (Vera Cruz) (desc & nah by JA Purpus 1911 & disc by CA Purpus 1909).

Sarwar, Chulam Rasool; lecturer at Gov't of Sindh, Pakistan 2008~;
Book [2002] *Flora of Pakistan, Vol. 209:Crassulaceae* St. Louis, Missouri; Eng; 64p.

Sato, Tutomu [**Tony**] (1945–); Japanese horticulturist & publisher; cultivars *Astrophytum asterias* Super Kabuto & Miracle Kabuto named by him, from seedlings of natural mutated plants found by M Takeo in a US nursery;
Book [1993–95] *Haworthia Hand Book* Fukushima, Japan; Japanese; (Japan Cactus Planning Color Hand Book Series); (in 2 Vols):
[1993] Vol 1, Series 3; (H. truncata); 50p w 225 color photos;
[1995] Vol 2, Series 5; (H. maughanii); 32p w 163 color photos,
[1993–95] *Astrophytum Handbook* Fukushima; Japanese (w separate Eng translation); (Japan Cactus Planning Color Hand Book Series); (in 4 Vols):
[1993] Vol 1, Series 2; (A. asterias); 64p w 250 color photos;
[1994] Vol 2; Series 4; (A. myriostigma); 64p w 286 color photos;
[1995] Vol 3, Series 6; (A. capricorne); 40p w 173 color photos;
[1995] Vol 4, Series 7; (A. ornatum & coahuilense); 40p w 202 color photos,
[1996] *Ariocarpus Handbook — Cultivated in Japan* [w K Suguri] Fukushima, Japan; Japanese; 72p w 357 color photos,
[1996] *Cactus Handbook, Cultivated in Japan*; Japanese/Eng; 345p w 3,006 color photos,
[1998–99] *Nishiki & Cristata Cactus/Succ Handbook* Fukushima, Japan; Japanese/some Eng; 192p; (in 3 Vols);
[1998] Vol 1; *Nishiki Cactus*; 64p w 66 color photos;
[1999] Vol 2; *Cristata Cactus*; 64p w 66 color photos;
[1999] Vol 3; *Nishiki Succ*; 64p w 66 color photos,

[2004] *World Succ Plants: Colour Illustrated Dictionary* Japan; Japanese w some Eng; 304p w 2,271 color photos,

[2013] *Haworthis Academy Photo Album*; Japanese; (in 2 Vols):

[2013] Vol 1; 130p w over 1,150 color photos;

[2015] Vol 2; 127p.

†**Sauer**, Mary; RSA;
***species* nah:**

(Mesemb) **sauerae** (Western Cape) (desc & nah by HML Bolus 1933) —> **Lampranthus sauerae** by HML Bolus 1939.

Sauer, Niko; RSA mathematician & amateur botanist; prof of mathematics at Univ of Pretoria, RSA; chairman of S African Succ Soc 1975–79; editor of *Aloe* journal 1979–89;
disc *species*:

(Conophytum pellucidum ssp) **saueri** (Namaq) (desc & nah by SA Hammer & TC Smale 2002).

Sauer, Paul; Ger; brother-in-law of H-W Viereck;
disc *species*:

(Echinocactus) **saueri** (Tamaulipas, San Luis Potosi) 1925 (desc & nah by F Boedeker 1928) —> **Turbinicarpus saueri** by V John & J Riha 1983.

†**Saunders**, (Sir) Charles James Renault (17 Oct 1857–1935); Natal civil service 1876–1909; chief magistrate of Zululand 1897–1908; retired to his farm 1909~; sent plants to his mother who then sent them on to Kew; explorer & collector in Rhodesia & Mozambique; knighted 1907; mother K Saunders;
disc *species*:

(Pachypodium) **saundersii** (Zimbabwe to Natal) (desc & nah by NE Brown 1892) —> **Pachypodium lealii** ssp **saundersii** by GD Rowley 1973.

†**Saunders**, [née Wheelright,] (Lady) Katharine (28 Jul 1824–23 Jun 1901); British artist & amateur botanist; to RSA 1854; explored & painted flowering plants of RSA 1854~; corresponded w JD & WJ Hooker, WH Harvey & H Bolus; spouse James Renault Saunders (1818–1892); son CJR Saunders;
Book [1979] *Flower Paintings of Katharine Saunders* Natal, RSA; Eng; 343p w 106 full-page color plates by K Saunders; (author A Bayer);
disc *species*:

(Lepaloe) **saundersiae** (Natal) 1931 (desc & nah by GW Reynolds 1936) —> **Aloe saundersiae** by GW Reynolds 1947.

†**Saunders**, Wm Wilson (4 Jun 1809–13 Sep 1879); {Saunders}; British insurance broker, naturalist, horticulturist & entomologist; underwriter at Lloyds of London 1832–73; large exotic plant collection of succ at East Hill, Wandsworth ≈1857,

at Hallfield, Reigate 1857–74 & at Raystead, Worthing, Eng 1874~; employed T Cooper as collector of succ in RSA 1859–62; FLS 1833 & treasurer 1861–73; FRS 1853; spouse Mary Ann [née Mello] Saunders (18 Aug 1801–6 Jun 1875);
Book [1869–73] *Refugium Botanicum* London, Eng; (5 Vols w 360 plates by WH Fitch); (editor of);
***species* nah:**
(Aeonium) **saundersii** (Canary Islands) (desc & nah by CA Bolle 1859).

Saunier, R;
Book [1983] *Les Plantes Cactiformes, Systématique, Paysages Xérophytiques*; 147p.

†**Saussure**, Nicolas Théodore de (14 Oct 1767–18 Apr 1845); Swiss plant chemist; defined the chemical make up of carbon dioxide & established the nature of oxidation; prof of mineralogy & geology at Geneva Academy;
Book [1804] *Comptes-rendus D'expériences sur le Comportement Chimique des Raquettes de Cactus Opuntia (sic) et Autres Plantes Développees* Paris, France; French; 338p.

†**Sauvalle**, Francisco [Franciscus] Adolfo (1 Jul 1807–1 Feb 1878); {Sauvalle}; US botanist, malacologist & artist; to Cuba 1824;
Book [1873] *Flora Cubana* Havana, Cuba; (reprint of series of articles in a Cuban periodical); (editor of).

†**Savigny**, Marie Jules César Lelorgne de (5 Apr 1777–5 Oct 1851); {Savigny}; French naturalist, entomologist, botanist & zoologist; w Napoléon's expedition to Egypt 1798–1802;
desc *species*:
(Urtica) **ficifolia** (Mascarene Islands) 1798 —> **Obetia ficifolia** by C Gaudichaud 1844.

†**Sayers**, Edward (9 Feb 1802–2 Jun 1860); British horticulturist & gardener; to US (Illinois & then Utah); spouse Ruth [née Vose] Sayers;
Book [1839] *A Treatise on the Culture of the Dahlia & Cactus* Boston, Massachucetts; Eng; 72p (first Amer book featuring cacti).

†**Scarella**, Giovanni [Giovan] Battista;
Book [1710] *Breve Ragguaglio : Intorno al Fiore Dell' Aloe americana* Padova; Italian; 56p.

†**Scassellati-Sforzolini**, Giuseppe; Italian botanist; collected in Somaliland 1911–29;
Book [1916] *L'Euphorbia tirucalli L.*; 90p.

Schad, Jerry;
Book [1988] *California Deserts* Helena, Montana; Eng; 105p (revised 1997).

Schaefer, Gerhardt (fl. 1980); {G.Schafer};
Book [1979] *Die Gattung Notocactus* East Ger; Ger; 122p w 24 color illustrations; (reprint of 4 issues of Vol 14 of Kakteen-Sukkulenten journal).

Schaefer, (Prof) (Dr) Stacy B; US anthropologist;
PhD at Univ of Calif, Los Angeles 1990; prof of anthropology at
Calif State Univ, Chico & dir of Museum of Anthropology;
Book [1996] *People of the Peyote* [w PT Furst] Albuquerque, New Mex; Eng; 560p.

Schaeffer, Hans-Helmut;
Book [1963] *Plants of the Canary Islands* Ratzeburg, Ger; Eng/Ger; 287p.

†**Schafer**, [Schäfer, Schaefer,] (Dr med) Fritz (–20 Nov 1911); physician at Luderitz, Namibia; collected in Namibia;
species **nah:**
(Cotyledon) **schaeferiana** (Namibia, Northern Cape) (desc & nah by MK Dinter 1923 & disc by MK Dinter) —> **Tylecodon schaeferianus** by HR Tolken 1978.

†**Schaffner**, Johann Wilhelm [later José Guillermo Schaffner] (22 Oct 1830–1882) {W.Schaffn.}; Ger pharmacist; to Mex 1856; collected in Mex 1856~;
species **nah:**
(Cotyledon) **schaffneri** (San Luis Potosi) (desc & nah by S Watson 1882) —> **Echeveria schaffneri** by JN Rose 1903.

Schaijes, Michel; {Schaijes}; Belgian botanist; spouse Claire Schaijes;
species **nah:**
(Monadenium) **schaijesii** (Zaire) (desc & nah by FP Malaisse 1986).
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†**Schaldach**, Wm J (15 Feb 1896–1982); US artist & illustrator;
Book [1963] *Path to Enchantment, An Artist in the Sonoran Desert* NYC; Eng; 226p (chapter 3 on cacti & Yucca).

†**Schatzl**, Stefan (3 Nov 1922–6 Feb 2001); Austrian horticulturist;
curator of cactus collection at bot garden in Linz, Austria;
disc *species*:
(Melocactus) **schatzlii** [w R Gruber] (Venezuela) 1982 (desc & nah by JA Till & R Gruber 1982).

Schatzle, [Schätzle,] P;
Book [1983] *Field Numbers of Dr Alfred B Lau (Mex & S Amer)* [w AB Lau] Bombay, India; Eng; 52p.

†**Schauer**, Johannes Conrad (16 Feb 1813–24 Oct 1848); {Schauer}; Ger botanist; prof of botany at Univ of Greifswald, Ger;
desc *species*:
(Sinningia) **lindleyi** (Brazil) 1834 (na J Lindley).

Sch.Bip.,; see **Schultz-Bipontinus**, CH .

†**Schchian**, Anna Semenovna (9 Jul 1905–15 May 1990); Russian botanist; worked at Tbilisi Bot Institute; explorer in Russia;
***species* nah:**
(Sempervivum) **annae** (Georgia A) (desc & nah by MZ Gurgenidze 1969).

†**Scheele**, George Heinrich **Adolf** (1808–1864); {Scheele}; Ger clergyman & botanist; pub 7 articles on Texas plants in European journal *Linnaea* 1848–52;
desc *species*:
(Yucca) **rupicola** (Texas) 1850 (disc by F Lindheimer 1845).

†**Scheer**, Frederick [Friedrich] (1792–30 Dec 1868); {Scheer}; Ger amateur botanist & merchant in London, Eng; worked at (& a supporter of) Kew gardens; had large cactus collection;
Book [1840] *Kew & Its Gardens* London; 69p,
[1852–57] *Cacteae from Seemann, Botany of the Voyage of H.M.S. Herald*; (1993 reprint; Eng/Latin; 70p);
***species* nah:**
(Coryphantha) **scheeri** (Chihuahua, New Mex, Texas) (desc & nah by AC Lemaire 1868) —> **Coryphantha robustispina** ssp **scheeri** by NP Taylor 1998,
(Cereus) **scheeri** (Chihuahua, Sonora, Sinaloa) (desc & nah by JFM Salm-Dyck 1850 & disc by J Potts 1846) —> **Echinocereus scheeri** by F Scheer 1856,
(Echeveria) **scheeri** (Oaxaca) (desc & nah by J Lindley 1845),
(Echinocactus) **scheeri** (Texas into Mex) (desc & nah by JFM Salm-Dyck 1850) —> **Sclerocactus scheeri** by NP Taylor 1987,
(Opuntia) **scheeri** (Durango?) (desc by FAC Weber 1898);
desc *species*:
(Echinocereus) **salm-dyckianus** (Chihuahua) 1856 (na JFM Salm-Dyck),
(Echinocereus) **subinermis** (Chihuahua, Sonora) 1856.

†**Scheffler**, Georg Richard Otto (1874–10 Jun 1911); Ger botanist & ornithologist; collected in Tanzania 1899, in Kenya 1906–10 & in Uganda & RSA;
***species* nah:**
(Adenia) **scheffleri** (Tanzania, Kenya, Zambia, Malawi) (desc & nah by HGA Engler & HAT Harms 1921) —> **Adenia lanceolata** ssp **scheffleri** by WJ de Wilde 1969.

†**Scheidweiler**, Michel [Michael] Josef [Joseph] François (1 Aug 1799–24 Sep 1861); {Scheidw.}; Ger pharmacist, agronomist & botanist; prof of botany & horticulture in Belgium 1830~; wrote journal articles; explored in Mex;
Book [1838] *Descriptio Diagnostica Nonullarum Cactearum Quae a Domino Galeotti in Provinciis Potosi et Guanaxato Regni Mexicani Inveniuntar* Brusself, Belgium; Latin; 7p; (1988 reprint; Latin; 12p);
desc *genus*:
Ariocarpus (Mex, Texas) 1838;
desc *species*:
(Ariocarpus) **retusus** (Coahuila, Tamaulipas, Nuevo Leon, San Luis Potosi) 1838 (disc by HG Galeotti c1838),
(Cereus) **dumortieri** (Mex) 1837 (na BCJ Dumortier) —> **Stenocereus dumortieri** by F Buxbaum 1961,
(Dioscorea) **mexicana** (El Salvador, Panama) 1837,
(Echinocactus) **flavovirens** (Puebla, Oaxaca) 1841 —> **Ferocactus flavovirens** by NL Britton & JN Rose 1922,
(Echinocactus) **pectinatus** (Tamaulipas, Chihuahua, Coahuila, Durango, Guanajuato, Nuevo Leon, San Luis Potosi) 1838 (disc by HG Galeotti 1837) —> **Echinocereus pectinatus** by GT Engelmann 1848,
(Echinocactus) **uncinatus** [w LKG Pfeiffer] (Sonora, Chihuahua, Coahuila, Nuevo Leon, Durango, San Luis Potosi, Tamaulipas, Zacatecas) 1848 —> **Sclerocactus uncinatus** by NP Taylor 1987,
(Mamm) **candida** (Coahuila, Nuevo Leon, San Luis Potosi, Tamaulipas) 1838 —> **Mammilloydia candida** by F Buxbaum 1951,
(Mamm) **clavata** (Guanajuato, Queretaro, Zacatecas, San Luis Potosi) 1838 —> **Coryphantha clavata** by C Backeberg 1942,
(Mamm) **decipiens** (San Luis Potosi) 1838 (disc by HG Galeotti),
(Mamm) **formosa** (Nuevo Leon, San Luis Potosi) 1838 (disc by HG Galeotti 1837),
(Mamm) **obconella** (Veracruz, Hidalgo) 1837 (disc by HG Galeotti 1836) —> **Mamm polythele** ssp **obconella** by DR Hunt 1997,
(Mamm) **stipitata** (Guanajuato, Jalisco, Zacatecas, San Luis Potosi) 1838 —> **Coryphantha clavata** ssp **stipitata** by RJ Dicht & AD Luthy 2001,
(Mamm) **zephyranthoides** (Guananuato, Hidalgo, Puebla, Oaxaca, Queretaro) 1841.

Scheinvar, [Akcelrad Lerner de Scheinvar 1964~] (Dr) Léia (3 Apr 1930–); {Scheinvar}; Brazil to Mex 1964; botanist; studied botany under A Castellanos at Museo Nacional of Rio de Janeiro, Brazil; BSc (1950) & MSc (1952) at Univ of Brazil; studied Cactology under H Bravo-Hollis at UNAM, Mex & under J Rzedowski at Instituto Politécnico Nacional, Mex; botanist at UNAM 1970~; PhD at Univ of Mex 1982; primary interest in Opuntia & Nopalea genera; IOS member 1985; explored & collected in Santa Catarina & Rio de Janeiro, Brazil, Cuba & Mex;
Book [1982] *La Familia de las Cactaceas en el Valle de Mex* Mex; 726p; (doctoral thesis),
[1985] *Cactaceas (Flora Illustrated Catarinense)* Itajay; Portuguese; 383p,

[1995] *El Interesante Mundo de las Cactaceas* [w H Bravo-Hollis] Mex City, Mex; Spanish; 233p,

[2005] *Flora Cactológica del Estado de Queretaro*; Spanish; 390p;

desc *species*:

(Mamm) **perezdelarosae** [w H Bravo-Hollis] (Jalisco) 1985 (disc by JA Perez de la Rosa & nah) —> **Mamm bombycina** ssp **perezdelarosae** by DR Hunt 1997,

(Neobuxbaumia) **squamulosa** [w H Sanchez-Mejorada] (Colima, Michoacán, Guerrero) 1990 (disc by H Sanchez-Mejorada et al 1987).

†**Schelhase**, August; Ger horticulturist; had nursery at Kassel that included cacti;
Book [1841] *Kakteen in Verseichnis von Sammtlichen Gewachsen* Kassel, Ger; Ger; 20p; (cactus extracts from rare nursery catalogue).

†**Schelle**, Ernst (1864–1945); {Schelle}; Ger horticulturist;
inspector at Tübingen Univ bot garden; wrote journal articles; specialized in cacti;
Book [1907] *Handbuch der Kakteenkultur* Stuttgart, Ger; Ger; 294p,

[1926] *Kakteen* Tubingen, Ger; Ger; 368p + 68 plates.

†**Schellenberg**, (Dr) **Gustav** August Ludwig David (28 Sep 1882–4 Jun 1963); {G.Schellenb.}; Ger botanist & newspaper publisher; PhD in botany at Zurich Univ 1910;

***species* nah:**

(Aizoon) **schellenbergii** (Namibia) (desc & nah by RS Adamson 1959);

desc *species*:

(Galenia) **prostrata** (Northern Cape) 1913,

(Plinthus) **rehmannii** (Transvaal) 1913 (na A Rehmann).

†**Schelpe**, (Prof) (Dr) Edmund André Charles Louis Eloi [**Ted**] (27 Jul 1924–12 Oct 1985); {Schelpe}; RSA botanist; PhD at Oxford Univ, Eng 1950; prof of botany & curator of Bolus Herbarium at Univ of Cape Town, RSA 1960~; interested in taxonomy & phytogeography of African Pteridophyta & Orchidaceae;

disc *species*:

(Aloe) **schelpei** (Ethiopia) 1952 (desc & nah by GW Reynolds 1961).

Scheltema, AG; {Scheltema};

desc *subsp*:

(Pelargonium antidysentericum ssp) **enerme** (Northern Cape) 1990,

(Pelargonium antidysentericum ssp) **zonale** (Northern Cape) 1990.

†**Schenck**, (Prof) (Dr) Adolph (4 Apr 1857–15 Sep 1936); Ger geographer & geologist; PhD at Mineralogischen Institit, Bonn, Ger 1884; explored in Namibia, RSA, Botswana & Mozambique 1884–89;
prof of geography at Halle, Ger 1889~; brother JHR Schenck;

***species* nah:**

(Mesemb) **schenckii** (Namaq) (desc & nah by H Schinz 1897) —> **Brownanthus ciliatus** ssp **schenckii** by H-D Ihlenfeldt & V Bittrich 1985.

†**Schenck**, (Dr) Johann **Heinrich** Rudolf (31 Jan 1860–25 Jun 1927); Ger botanist;
PhD in botany at Bonn Univ 1884 & lecturer 1889–95; dir of bot garden at Polytechic Institute, Darmstadt, Ger 1896~; collected in Brazil & Mex; brother A Schenck;
spouse Marie [née Schwarz] Schenck;
disc *species*:

(Cereus) **schenckii** [w CA Purpus] (Oaxaca, Puebla) 1907 (desc by JA Purpus 1909 & na JHR Schenck) —> **Myrtillocactus schenckii** by NL Britton & JN Rose 1909.

Scherer, Egon;
Book [1998] *Die longiseti-Komplex der Gattung Echinocereus* [w K Neumann & GRW Frank] Ruderting; Ger; 66p w 40 color photos.

Schick, Robert: US horticulturist at Huntington Bot Gardens, San Marino, Calif; specialized in Echinopsis hybrids;
Book [2001] *ISI Schick Hybrids 2001 Catalogue* San Marino; Eng;
50p w 115 color photos.

†**Schick-Freiburg**, Carl (1881–1953); {Schick};
Ger succ amateur from Freiburg; schoolmaster in Ghana & Togo;
desc *species*:

(Cheiridopsis) **brownii** [w A Tischer] (Little Namaq) 1928 (na NE Brown),
(Conophytum) **violaciflorum** [w A Tischer] (Namaq) 1928 (disc by H Maughan-Brown),
(Echinocactus) **capillensis** (Cordoba) 1923 (disc by C Sigel) —> **Gymnocalycium capillaense** by CC Hosseus 1926.

†**Schickendantz**, Federico [Friedrich] (15 Jan 1837–4 Apr 1896); Ger chemist to Argentina 1861~; worked for a mining company & a sugar refinery; prof of chemistry & dir of agriculture at Tucumán Univ; founded Lillo (na M Lillo) Herbarim in Tucumán;
***species* nah:**

(Echinopsis) **schickendantzii** (Argentina, Bolivia) (disc by him & desc & nah by FAC Weber 1898),
(Opuntia) **schickendantzii** (Argentina) (desc & nah by FAC Weber 1898);
disc *species*:

(Echinocactus) **schickendatzii** (Argentina) (desc & nah by FAC Weber 1896) —> **Gymnocalycium schickendantzii** by NL Britton & JN Rose 1922,
(Gymnocalycium) **bayrianum** (Salta, Tucuman) c1964 (desc by JA Till 1987 & na A Bayr),
(Rhipsalis) **tucumanensis** (Argentina, Bolivia, Peru) 1885 (desc by FAC Weber 1892) —> **Rhipsalis floccosa** ssp **tucumanensis** by WA Barthlott & NP Taylor 1995.

†**Schiede**, (Dr med) **Christian** Julius Wilhelm [Guillermo] (3 Feb 1798–Dec 1836);

{Schiede}; Ger botanist, naturalist & physician; MD at Göttingen Univ 1825; to Mex 1828; collected in Mex 1828~;
species **nah:**
(Columnea) **schiedeana** (Veracruz, Oaxaca) (desc & nah by DFL von Schlechtendal 1833),
(Mamm) **schiedeana** (Hidalgo) (desc & nah by CG Ehrenberg 1838 & disc by CA Ehrenberg 1837);
desc *species*:
(Agave) **lophantha** (Mex) 1829,
(Agave) **obscura** (Tamaulipas, San Luis Potosi, Veracruz, Puebla, Oaxaca) 1830,
(Yucca) **acrotricha** (San Luis Potosi, Hidalgo, Queretaro) 1829 —> **Dasylirion acrotrichum** by JG Zuccarini 1840.

†**Schiel**, Wolfgang (1904–26 Apr 1978); Ger hobbyist w large collection of cacti in Freiburg;
species **nah:**
(Lobivia) **schieliana** (Bolivia) (desc & nah by C Backeberg 1957 & disc by F Ritter) —> **Echinopsis schieliana** by DR Hunt 1987.

†**Schiffner**, (Dr) Victor [Viktor] Felix [Ferdinand] (10 Aug1862–1 Dec 1944); {Schiffn.}; Austrian botanist & bryologist; PhD at Univ of Prague 1887;
prof of systematic botany at Univ of Vienna, Austria 1902–32; collected in Brazil 1901;
species **nah:**
(Sinningia) **schiffneri** (Brazil) (desc & nah by K Fritsch 1908).

Schild, Katharina & Franz;
Book [1979] *Kakteen* (*Faszinierende Formen und Farben)* Niedernhausen, Ger; Ger; 96p w 126 color photos.

†**Schilinzky**, Guido von (27 Mar 1823–16 Sep 1898); Russian naturalist; Privy Councellor in St. Petersburg;
species **nah:**
(Echinocactus) **schilinzkyanus** (Argentina, Bolivia Brazil, Paraguay, Uruguay) (desc & nah by KM Schumann 1897) —> **Frailea schilinzkyana** by NL Britton & JN Rose 1922.

Schill, (Dr) Rainer (1940–); Ger botanist at Heidelberg Univ;
Book [1973] *Palynologische (Lichtmikroskopische) Untersuchungen an Sukkulenten Vertretern der Gattung Euphorbia L., aus Mada* Wiesbaden, Ger; Ger; 19p + 4 plates,
[1973] *Mikromorphologie der Cactaceen-Dornen* [w WA Barthlott & N Ehler] Wiesbaden; Ger w brief Eng summary; 23p,
[1973] *Rasterelektronen-mikroskopische Untersuchungen an Cacteen* [w WA Barthlott, N Ehler & WHH Rauh]; Ger; 14p,
[1974] Vol 4 of WHH Rauh's 1961–74 book *Weitere Untersuchungen an Didiereaceen* [w WHH Rauh & H Wieland] Mainz, West Ger; Ger w brief Eng summary; 14p,

[1978] *Beitrag zur Kenntnis der Asclepiadaceen-Pollinarien* [w U Jakel] Mainz, Ger; Ger w 2p Eng summary; 122p,

[1984] *Bau und Entwicklung der Pollinien von Hoya carnosa (L.) Br. (Asclepiadaceae)* [w C Dannenbaum]; Ger; 54p;

species **nah:**

(Aloe) **schilliana** (Mada) (desc & nah by LE Newton & GD Rowley 1997).

†**Schiller**, (Dr med) Eduard (fl. 1886); {E.Schiller}; Ger physician & botanist at Breslau; **Book** [1886] *Grundzüge der Cakteenkunde* =?Principles of Cakteenkunde" Breslau, Ger; Ger;123p.

†**Schimper**, Georg Heinrich Wilhelm (19 Aug 1804–Oct 1878); {G.W.Schimp.}; Ger botanist to Abyssinia 1837~; collected in Algeria 1831, in Egypt & Arabia 1834–36 & in Abyssinia 1837~; governor of Abyssinia 1840–55; brother of Ger botanist & zoologist Karl Friedrich Schimper (1803–1867) & cousin of Alsatian bryologist & paleontologist Wilhelm Philipp [Guillaume Philippe] Schimper (1808–1880);

species **nah:**

(Crassula) **schimperi** (China, India, Nepal, Pakistan, Kenya Uganda, Tanzania, Yemen, Bhutan) (desc & nah by FEL von Fischer & CA von Meyer 1842),

(Euphorbia) **schimperi** (Yemen, Saudi Arabia) (desc & nah by CB Presl 1845),

(Kalanchoe) **schimperiana** (Ethiopia, Tanzania) (desc & nah by A Richard 1847),

(Mesemb) **schimperi** (Eritrea, Ethiopia) (desc & nah by HGA Engler 1909) —> **Delosperma schimperi** by HEK Hartmann & I Niesler 1991,

(Rhynchocarpa) **schimperi** (Saudi Arabia, Iran, Pakistan, India, Egypt, Ethiopia, Sudan, Somalia, Kenya, Yemen) (desc & nah by CV Naudin 1862) —> **Crassula schimperi** by JD Hooker 1871;

disc ***species*****:**

(Aloe) **elegans** (Eritrea, Ethiopia) 1862 (desc by A Todaro 1882).

†**Schinz**, (Dr) Hans (6 Dec 1858–30 Oct 1941); {Schinz}; Swiss botanist; PhD at Zürich Univ 1883; collected in Asia Minor 1882, Angola 1883, Mozambique 1884–86, SW Africa 1884–87, Botswana 1888–99, Togo 1904 & Cameroon 1912; dir at bot gardens, Zürich, Switzerland 1893–29 & prof of botany at Univ of Zurich 1895–28; FLS ____;

desc ***genera*****:**

Arthraerva (Namibia) 1893,

Neorautanenia (Ethiopia to RSA) 1899 (na M Rautanen);

species **nah:**

(Euphorbia) **schinzii** (Limpopo, Mpumalanga, Botswana, Zimbabwe) (desc & nah by FA Pax 1898 & disc by T Baines c1850);

disc ***species*****:**

(Caralluma) **nebrownii** (Namibia) 1885 (desc by A Berger 1906 & na NE Brown),

(Commiphora) **namaensis** (Namibia, Northern Cape) 1908,

(Commiphora) **oblanceolata** (Namibia) 1908,

(Craterostemma) **schinzii** (Namibia) (desc & nah by KM Schumann 1893) —> **Brachystelma schinzii** by NE Brown 1903,

(Decabelone) **grandiflora** (Namibia, Southern Rhodesia, Bechuanaland Protectorate, Transvaal, Cape) c1886 (desc by KM Schumann 1895) —> **Tavaresia grandiflora** by A Berger 1910,

(Stapelia) **schinzii** (Namibia, Botswana) 1886 (desc & nah by A Berger & FRR Schlechter 1909,

(Tavaresia) **grandiflora** (Namibia) 1885 (desc by A Berger 1910);

desc *species*:

(Adenia) **glauca** (Botswana) 1892,

(Adenium) **boehmianum** (Namibia, Angola) 1888 (na R Böhm) —> **Adenium obesum** ssp **boehmianum** by GD Rowley 1980,

(Aizoon) **dinteri** (Namibia) 1898 (na MK Dinter) —> **Aizoanthemum dinteri** by CH Friedrich 1957,

(Aloe) **rubrolutea** (Namibia) 1896),

(Anacampseros) **dinteri** (Namibia) 1901 (na MK Dinter) —> **Avonia dinteri** by GD Rowley 1994,

(Bulbine) **longifolia** (Western Cape) 1902,

(Bulbine) **namaensis** (Northern Cape) 1902,

(Cissus) **hereroensis** (Namibia, Eastern Cape, Free State) 1908 —> **Cyphostemma hereroense** by BM Descoings 1967,

(Crassula) **acinaciformis** (Limpopo, Swaziland, Mpumalanga, Natal) 1894,

(Crassula) **heterotricha** (Eastern Cape, Mpumalanga, Tropical Africa) 1894 —> **Crassula perfoliata** var **heterotricha** by HR Tolken 1975,

(Galenia) **namaensis** (Namibia, Free State, Northern Cape) 1895,

(Ipomoea) **bolusiana** (Tropical Africa, Mada) 1888 (na H Bolus),

(Mesemb) **arenosum** (Namibia, Namaq) 1897 —> **Brownanthus arenosus** by H-D Ihlenfeldt & V Bittrich 1985,

(Mesemb) **kuntzei** (Angola, Namibia) 1897 (na CEO Kuntze) —> **Brownanthus kuntzei** by H-D Ihlenfeldt & V Bittrich 1985,

(Mesemb) **rehmannii** (Namibia) 1897(na ? Rehmann) —> **Aizoanthemum rehmannii** by HEK Hartmann 2001,

(Mesemb) **schenckii** (Namaq) 1897 (na ? Schenck) —> **Brownanthus ciliatus** ssp **schenckii** by H-D Ihlenfeldt & V Bittrich 1985,

(Neorautanenia) **amboensis** (Namibia, Botswana, Zimbabwe) 1899,

(Portulaca) **hereroensis** (Malawi, Botswana, Northern Prov, Zimbabwe) 1900,

(Pterodiscus) **kellerianus** (Somalia, Ethiopia, Kenya) 1896 (na A Keller),

(Raphionacme) **lanceolata** (Namibia, Botswana, Zimbabwe, Northern Cape, Mozambique) 1888,

(Tetragonia) **schenkii** (Namibia) 1894 (na A Schenk),

(Trianthema) **hereoensis** (Namibia) 1897,

(Trichocaulon) **pedicellatum** (Angola, Namibia) 1888 (disc by FM Stapff c1886) —> **Hoodia pedicellata** by DCH Plowes 1992;

transfer *species*:
"Aerva leubnitziae" (CEO Kuntze 1886) —> **Arthraerva leubnitziae** 1893,
"Modecca hastate" (WH Harvey 1863) —> **Adenia hastata** 1892,
"Modecca refracta" (LR Tulasne 1857) —> **Adenia refracta** 1892;
disc *variety*:
(Stapelia kwebensis var) **longipedicellata** (Namibia) 1885 (desc by A Berger 1910) —> **Stapelia longipedicellata** by NE Brown 1913;
transfer *variety*:
"Sempervivum tomentosum" (CB Lehmann & GF Schnittspahn 1856) —> **Sempervivum arachnoideum** ssp **tomentosum** [w A Thellung] 1923.

Schirobokova, [Szirobokova,] Dar'ya Nesterovna; Russian;
Book [1976] *Kaktusi y Druguiea Sukkulenti v Dome* [w NF Zinovieva] Tashkent, Russia; Russian; 46p w 4 color plates,
[1982] *Kaktusi* = "Cacti" [w MR Koroleva & ON Golodnyak] Kiev, Ukraine; Russian; 184p.

Schischkin, BW
Book [1949] *Transbaikalien Crassulaceae (Flora V)*; Russian; 120p.

{Sch.K.}, — See **Schumann**, KM.

†**Schlechtendal**, (Prof) (Dr med) Diederich Franz Leonhard von (27 Nov 1794–12 Oct 1866); {Schltdl.}; Ger botanist & physician; MD at Berlin Univ 1819 & PhD at Bonn Univ 1823; custodian of Royal Herbarium in Berlin, Ger 1819–33; prof of botany & dir of bot garden at Martin Luther Univ of Halle-Wittenberg, Ger 1833~; pub 2 bot journals, *Linnaea* (founder & editor 1826~) & *Botanische Zeitung* (co-editor 1843~);
Book [1853] *Hortus Halensis*; first monograph to recognize 24 species of Echeveria;
***species* nah:**
(Bursera) **schlechtendalii** (Mex) (desc & nah by HGA Engler 1883);
desc *species*:
(Columnea) **schiedeana** (Veracruz, Oaxaca) 1833 (na CJW Schiede),
(Echeveria) **bifida** (Hidalgo) 1839,
(Echeveria) **mucronata** (Hidalgo, Michoacan, Morelos, Tlaxcala, México, Puebla, Veracruz, Tamaulipas, Guanajuato) 1839,
(Echeveria) **racemosa** [w LA von Chamisso] (Veracruz) 1830,
(Pedilanthus) **calcaratus** (Mex) 1847,
(Pedilanthus) **cymbiferus** (Puebla) 1847,
(Portulaca) **papulosa** (Uruguay, Argentina) 1853.

†**Schlechter**, (Dr) Friedrich Richard **Rudolf** (16 Oct 1872–15 Nov 1925); {Schltr.}; Ger botanist interested in Orchidaceae, Asclepiadaceae & other succ; to Cape 1891; PhD on phytogeography of New Caledonia at Berlin Univ 1904, a student of HGA Engler; he & brother, M Schlechter, worked, explored & collected for H Bolus in RSA &

Mozambique 1891–98, in western Africa 1899–1900, in New Guinea, Indonesia & New Caledonia 1900–03, in Cameroon 1904, in Borneo & Sumatra 1906 & in Indonesia 1907–10, at times w P MacOwan 1891–1900; curator at Berlin-Dahlem Bot Museum 1921~; prolific writer;
Book [1895–1916] *Asclepiadaceae*; Eng; 209p; (in 16 papers).

[1913] *Hoyas of Northeastern New Guinea*;

***genus* nah:**

Schlechterella (East Africa) (desc & nah by KM Schumann 1899);

desc *genera*:

Dischidiopsis (Philippines) 1904,

Glossostelma (Tropical Africa from Angola & Zaire to Mozambique & Tanzania) 1895,

Siphonostelma (RSA) 1913,

Stenostelma (Zimbabwe, Natal, Limpopo, Gauteng, Mpumalanga, Eastern Cape, Free State) 1894;

***species* nah:**

(Argyroderma) **schlechteri** (Cape) (desc & nah by MHG Schwantes 1929),

(Crassula) **rudolfii** (Namibia, Northern Cape) (desc & nah by S Schonland & EG Baker 1898 & disc by H Schlechter),

(Dorstenia) **schlechteri** (Uganda, Kenya, Tanzania, eastern Zaire, Burundi, Twanda, Mozambique) (desc & nah by HGA Engler 1898) —> **Dorstenia hildebrandtii** var **schlechteri** by MEE Hijman 1989;

disc *species*:

(Euphorbia) **brakdamensis** (Namaq) 1897 (desc by NE Brown 1915),

(Euphorbia) **knuthii** (Mozambique, Mpumalanga, Swaziland, Natal) 1897 (desc by FA Pax 1904 & na PEO Knuth),

(Euphorbia) **rudolfii** (Northern Cape) c1895 (desc & nah by NE Brown 1915),

(Euphorbia) **spartaria** (Great Namaq) c1895 (desc by NE Brown 1911),

(Huernia) **confusa** (Transvaal) 1894 (desc by EP Phillips 1932),

(Monadenium) **crenatum** (Mozambique) 1898 (desc by NE Brown 1911);

desc *species*:

(Aizoon) **asbestinum** (Namibia, Cape) 1897,

(Aulostephanus) **natalense** (Natal) 1896 (disc by JM Wood 1883) —> **Brachystelma natalense** by NE Brown 1908,

(Brachystelma) **dinteri** (Botswana, Zimbabwe, North-West, Namibia) 1913 (disc by MK Dinter & nah),

(Brachystelma) **flavidum** (Natal, Mpumalanga) 1907 —> **Brachystelma pygmaeum** ssp **flavidum** by RA Dyer 1979,

(Brachystelma) **foetidum** (Northern Cape, Free State, Mpumalanga, Natal, Limpopo, Botswana) 1895 (disc by him),

(Brachystelma) **meyerianum** (Eastern Cape) 1895 (disc by JF Drege & na EHF Meyer),

(Brachystelma) **occidentale** (Western Cape) 1893 (disc by him),

(Brachystelma) **oianthum** (North-West, Free State, Mpumalanga) 1895,

(Brachystelma) **schoenlandianum** (Eastern Cape) 1894 (disc by FRR Schlechter & na S Schonland),

(Brachystelma) **simplex** (Ivory Coast, Mozambique, Nigeria, Zambia) 1905,
(Brachystelma) **togoense** (Benin, Cameroon, Ivory Coast, Ghana, Nigeria, Zambia) 1905,
(Brachystelmaria) **longifolia** (Mpumalanga) 1895 (disc by FRR Schlechter 1893) —> **Brachystelma longifolium** by NE Brown 1908,
(Brachystelmaria) **macropetala** (Mpumalanga, Limpopo, Swaziland) 1895 —> **Brachystelma macropetalum** by NE Brown 1908,
(Brachystelmaria) **ramosissima** (Free State, Gauteng, North-West) 1895 —> **Brachystelma ramosissimum** by NE Brown 1908,
(Bulbine) **flexuosa** (Western Cape) 1889,
(Caralluma) **chlorantha** (Cape) 1894 (disc by him 1893),
(Ceropegia) **antennifera** (Natal) 1895,
(Ceropegia) **conrathii** (Northern Prov, Gauteng, Natal) 1905 (disc by P Conrath & nah),
(Ceropegia) **crassifolia** (Kenya, Botswana, Zimbabwe, RSA, Swaziland, Namibia) 1895 (disc by TR Sim 1893),
(Ceropegia) **dinteri** (Namibia) 1913 (na KM Dinter),
(Ceropegia) **dolichophylla** (Yunnan) 1913,
(Ceropegia) **gymnopoda** (Angola, Botswana, Namibia, Zimbabwe, ne RSA) 1896 —> **Brachystelma gymnopodum** by PV Bruyns 1995,
(Ceropegia) **haygarthii** (Eastern Cape, Gauteng, Mpumalanga, Natal, Limpopo, Mozambique, Angola) 1905 (na WJ Haygarth),
(Ceropegia) **ledermannii** (Cameroon, Nigeria) 1913 (na CL Ledermann),
(Ceropegia) **pachystelma** (Namibia, Botswana, Zimbabwe, Eastern Cape, Mozambique, Natal, Mpumalanga, Limpopo, North-West, Swaziland) 1895,
(Ceropegia) **radicans** (Eastern Cape) 1894 (disc by HG Flanagan c1890),
(Ceropegia) **rudatisii** (Eastern Cape, Natal) 1907 (disc by AG Rudatis & nah),
(Ceropegia) **tomentosa** (Eastern Cape, Natal) 1894 (disc by JH Bowker & ME Barber),
(Ceropegia) **woodii** (Natal, Eastern Cape, Western Cape, Swaziland, Zimbabwe, Kenya) 1894 (na JM Wood) —> **Ceropegia linearis** ssp **woodii** by HFJ Huber 1957,
(Ceropegia) **yorubana** (Nigeria, Ghana) 1905,
(Ceropegia) **zeyheri** (Eastern Cape) 1905 (disc by CLP Zeyher & nah),
(Dichaelia) **elongata** (Eastern Cape, Limpopo) 1894 —> **Brachystelma elongatum** by NE Brown 1908,
(Dichaelia) **pygmaea** (Mozambique, Zimbabwe, Eastern Cape, Natal, Mpumalanga, Limpopo) 1908 —> **Brachystelma pygmaeum** by NE Brown 1908,
(Dichaelia) **villosa** (Mpumalanga, Natal, Limpopo, Swaziland) 1899 (disc by EE Galpin 1889) —> **Brachystelma villosum** by NE Brown 1908,
(Dischidia) **dolichantha** (Borneo, Sumatra) 1908,
(Duvalia) **transvaalensis** (Transvaal, Bechuanaland) 1895 (disc by EE Galpin 1890) —> **Duvalia polita** var **transvaalensis** by AC White & BL Sloane 1937,
(Euphorbia) **transvaalensis** (Mpumalanga, Limpopo, Namibia, Angola, Mozambique, Zambia) 1896 (disc by EE Galpin),
(Flanagania) **orangeana** (Botswana, Zimbabwe, Limpopo, North- West, Free State, Eastern Cape, Namibia) 1894 —> **Cynanchum orangeanum** by NE Brown 1908,

(Glossostelma) **angolense** (Angola) 1895,
(Hoya) **anulata** (Papua, Papua New Guinea, Queensland) 1905,
(Hoya) **benguetensis** (Philippines) 1906,
(Hoya) **bilobata** (Philippines) 1906,
(Hoya) **bordenii** (Philippines) 1906 (na TE Borden),
(Hoya) **calycina** (Papua New Guinea) 1913,
(Hoya) **eitapensis** (Papua New Guinea) 1913,
(Hoya) **hypolasia** (Papua New Guinea) 1913,
(Hoya) **parvifolia** (Sumatra) 1908,
(Huernia) **loeseneriana** (North-West, Gauteng, Free State) 1895 (disc by him 1893 & na LET Loesener),
(Huernia) **stapelioides** (Northern Prov, Mpumalanga, Gauteng, North-West, Swaziland) 1895 (disc by him 1894),
(Krebsia) **carinata** (Eastern Cape) 1895 —> **Stenostelma carniatum** by AA Bullock 1956,
(Lasiostelma) **nanum** (Eastern Cape, Limpopo, Mpumalanga, North-West) 1905 —> **Brachystelma nanum** by NE Brown 1908,
(Macropetalum) **filifolium** (Natal, Mpumalanga, Swaziland) 1905 —> **Brachystelma filifolium** by R Peckover 1996,
(Mesemb) **apodanthum** [w FLE Diels] (Northern Cape) 1907,
(Mesemb) **chrysoleucum** (Western Cape) 1899 —> **Monilaria chrysoleuca** by MHG Schwantes 1929,
(Mesemb) **dasyphyllum** (Western Cape) 1899 —> **Antimima dasyphylla** by HEK Hartmann 1998,
(Mesemb) **drepanophyllum** [w A Berger] (Western Cape) 1922 —> **Esterhuysenia drepanophylla** by HEK Hartmann 1998,
(Mesemb) **ebracteatum** [w FLE Diels] (Namaq) 1907 —> **Cephalophyllum ebracteatum** by MK Dinter & MHG Schwantes 1928,
(Mesemb) **insigne** (Western Cape) 1899 —> **Erepsia insignis** by MHG Schwantes 1928,
(Mesemb) **maximiliani** [w A Berger] (Western Cape) 1922 —> **Braunsia maximiliani** by MHG Schwantes 1928,
(Mesemb) **nanum** (Western Cape) 1899 —> **Oophytum nanum** by HML Bolus 1929,
(Mesemb) **odontocalyx** [w FLE Diels] (Namibia) 1907 —> **Ruschia odontocalyx** by MHG Schwantes 1926,
(Mesemb) **oxysepalum** (Western Cape) 1899 —> **Erepsia oxysepala** by HML Bolus 1950,
(Mesemb) **parvulum** (Western Cape) 1899 —> **Cephalophyllum parvulum** by HEK Hartmann 1989,
(Mesemb) **polypetalum** [w A Berger] (Cape) 1922 —> **Erepsia polypetala** by HML Bolus 1950,
(Mesemb) **ramosissimum** (Western Cape) 1899 —> **Drosanthemum ramosissimum** by HML Bolus 1930,
(Mesemb) **rhopalophyllum** [w FLE Diels] (Namaq) 1907 (disc by LS Schultze c1904) —> **Fenestraria rhopalophylla** by NE Brown 1925,
(Mesemb) **schoenlandianum** (Western Cape) 1899 (na S Schonland)

—> **Drosanthemum schoenlandianum** by HML Bolus 1930,

(Mesemb) **schultzei** [w FLE Diels] (Cape) 1907 (na LS Schultze) —> **Leipoldtia schultzei** by CH Friedrich 1960,

(Mesemb) **urbanianum** (Western Cape) 1896 —> **Erepsia urbaniana** by MHG Schwantes 1928,

(Mesemb) **vallis-gratiae** [w A Berger] (Western Cape) 1922 —> **Lampranthus vallis-gratiae** by NE Brown 1930,

(Othonna) **lepidocaulis** (Northern Cape) 1900,

(Pelargonium) **oreophilum** (Western Cape) 1900,

(Pentopetia) **natalensis** (Natal, Eastern Cape) 1894 —> **Petopentia natalensis** by AA Bullock 1954,

(Plectranthus) **neochilus** (subtropical s Africa) 1896,

(Pleurostelma) **africana** (Ethiopia, Somalia, Kenya, Tanzania) 1895 —> **Schlechterella africana** by KM Schumann 1900,

(Raphionacme) **flanaganii** (Eastern Cape, Natal, Mpumalanga) 1894 (na HG Flanagan),

(Raphionacme) galpinii (Angola, Gauteng, Mpumalanga, Natal, Swaziland) 1894 (na EE Galpin),

(Raphionacme) **loandae** [w AB Rendle] (Angola) 1898,

(Raphionacme) **procumbens** (Zimbabwe, Mpumalanga, Swaziland) 1895,

(Raphionacme) **splendens** (Africa) 1895,

(Raphionacme) **velutina** (Namibia, Gauteng, Eastern Cape) 1895,

(Raphionacme) **welwitschii** [w AB Rendle] (Angola, Malawi, Tanzania, Kenya) 1896,

(Schizoglossum) **araneiferum** (Mozambique, Zimbabwe, Natal, Free State, Mpumalanga, Limpopo) 1895 —> **Aspidoglossum araneiferum** by FK Kupicha 1984,

(Schizoglossum) **atrorubens** (Eastern Cape, Natal, Lesotho) 1894 —> **Shizoglossum bidens** ssp **atrorubens** by FK Kupicha 1984,

(Schizoglossum) **carinatum** (Natal, Eastern Cape, Northern Cape, Zimbabwe, Namibia) 1894 —> **Aspidoglossum carinatum** by FK Kupicha 1984,

(Schizoglossum) **delagoense** (Natal, Mozambique) 1896 —> **Aspidoglossum delagoense** by FK Kupicha 1984,

(Schizoglossum) **elliotii** (Ethiopia, Uganda, Rwanda, Burundi, Tanzania, Zaire, Zambia, Zimbabwe) 1895 (na GF Scott-Elliot) —> **Aspidoglossum elliotii** by FK Kupicha 1984,

(Schizoglossum) **erubescens** (Zimbabwe, Mozambique, Malawi) 1895 —> **Aspidoglossum erubescens** by AA Bullock 1954,

(Schizoglossum) **flanaganii** (Eastern Cape) 1894 (na HG Flanagan) —> **Aspidoglossum flanaganii** by FK Kupicha 1984,

(Schizoglossum) **flavum** (Natal) 1895,

(Schizoglossum) **galpinii** (Mpumalanga) 1894 (na EE Galpin) —> **Shizoglossum bidens** ssp **galpinii** by FK Kupicha 1984,

(Schizoglossum) **glabrescens** (Natal, Gauteng, Mpumalanga) 1895 —> **Aspidoglossum glabrescens** by FK Kupicha 1984,

(Schizoglossum) **glanduliferum** (Natal, Mpumalanga) 1894 —> **Aspidoglossum glanduliferum** by FK Kupicha 1984,

(Schizoglossum) **grandiflorum**(Natal, Eastern Cape) 1894 —> **Aspidoglossum grandiflorum** by FK Kupicha 1984,

(Schizoglossum) **lamellatum** (Natal, Eastern Cape, Free State, North-West, Gauteng, Mpumalanga) 1893 —> **Aspidoglossum lamellatum** by FK Kupicha 1984,

(Schizoglossum) **nitidum** (Eastern Cape, Natal, Free State, Mpumalanga) 1895,

(Schizoglossum) **pachyglossum** (Eastern Cape, Natal) 1894 —> **Shizoglossum bidens** ssp **pachyglossum** by FK Kupicha 1984,

(Schizoglossum) **ovalifolium** (Natal, Eastern Cape, Mpumalanga, Gauteng, Mozambique) 1894 —> **Aspidoglossum ovalifolium** by FK Kupicha 1984,

(Schizoglossum) **pilosum** (Natal) 1895 —> **Miraglossum pilosum** by FK Kupicha 1984,

(Schizoglossum) **pulchellum** (Natal, Mpumalanga) 1894 —> **Miraglossum pulchellum** by FK Kupicha 1984,

(Schizoglossum) **restioides** (Western Cape, Eastern Cape, Mpumalanga, Gauteng, North-West) 1893 —> **Aspidoglossum restioides** by FK Kupicha 1984,

(Schizoglossum) **stenoglossum** (Eastern Cape, Natal) 1894,

(Schizoglossum) **tridentatum** (Eastern Cape) 1894 —> **Schizoglossum atropurpureum** ssp **tridentatum** by FK Kupicha 1984,

(Schizoglossum) **verticillare** (Natal, Eastern Cape) 1895 —> **Miraglossum verticillare** by FK Kupicha 1984,

(Schizoglossum) **woodii** (Natal) 1895 (na JM Wood) —> **Aspidoglossum woodii** by FK Kupicha 1984,

(Siphonostelma) **stenophyllum** (Namibia, Limpopo, North-West) 1913 (disc by MK Dinter) —> **Brachystelma stenophyllum** by RA Dyer 1971,

(Sisyranthus) **schizoglossoides** (Eastern Cape, Northern Cape, Free State) 1894 —> **Brachystelma schizoglossoides** by NE Brown 1908,

(Stapelia) **engleriana** (Northern Cape, Western Cape) 1905 (disc by J Burke 1841 & na HGA Engler),

(Stapelia) **melanantha** (Zimbabwe, Mozambique, Limpopo, Mpumalanga) 1905 (disc by him 1894) —> **Orbea melanantha** by PV Bruyns 2001,

(Stapelia) **schinzii** [w A Berger] (Namibia, Botswana) 1909 (disc by H Schinz 1886 & nah),

(Stathmostelma) **frommii** (Malawi) 1913 (disc by P Fromm & nah) —> **Stathmostelma spectabile** ssp **frommii** by DJ Goyder 1998,

(Stenostelma) **capense** (Botswana, Northern Cape, Limpopo) 1894,

(Tapeinostelma) **caffrum** (Eastern Cape) 1893 (disc by TR Sim 1893) —> **Brachystelma caffrum** by NE Brown 1894,

(Tenaris) **chlorantha** (Gauteng) 1895 —> **Brachystelma chloranthum** by R Peckover 1996,

(Tetragonia) **namaquensis** (Northern Cape, Western Cape) 1899,

(Tetragonia) **rosea** (Western Cape) 1899,

(Tetragonia) **virgata** (Western Cape) 1899;

transfer *species*:

"Asclepias propinqua" (NE Brown 1895) —> **Stathmostelma propinquum** 1913,

"Asclepias spectabilis" (NE Brown 1895) —> **Stathmostelma spectabile** 1913,

"Micraster pulchellum" (WH Harvey 1868) —> **Brachystelma pulchellum** 1895,

"Microstemma glabriflorum" (FJH von Mueller 1858) —> **Brachystelma glabriflorum** 1914,
"Systrepha filiforme" (WJ Burchell 1822) —> **Ceropegia filiformis** 1896.

†**Schlechter**, Hugo; Ger lithographer; father of FRR & M Schlechter;
***species* nah & M Schlechter:**
(Mesemb) **hugo-schlechteri** (Namaq) (disc by ? Otto 1924 & desc by A Tischer 1926) —> **Titanopsis hugo-schlechteri** by MK Dinter & MHG Schwantes 1927;
disc *species*:
(Crassula) **rudolfii** (Namibia, Northern Cape) (desc by S Schonland & EG Baker 1898 & na FR Rudolf Schlechter).

†**Schlechter**, Maximilian [**Max**] (1874–9 Oct 1960); Ger to RSA 1896; merchant & collector in s Africa 1900–26; brother of FRR Schlechter;
***genus* nah:**
Schlechteranthus (Little Namaq) (desc & nah by MHG Schwantes 1929);
***species* nah:**
(Cheiridopsis) schlechteri (Little Namaq) (desc & nah by A Tischer 1927),
(Mesemb) **schlechteri** (Western Cape) (desc & nah by A Zahlbruckner 1900) —> **Lampranthus schlechteri** by HML Bolus 1950,
(Nelia) **schlechteri** (Little Namaq) (desc & nah by MHG Schwantes 1929),
(Ruschia) **schlechteri** (Little Namaq) (desc & nah by MHG Schwantes 1928) —> **Antimima schlechteri** by HEK Hartmann 1998,
(Schlechteranthus) **maximiliani** (Little Namaq) (desc & nah by MHG Schwantes 1929);
***species* nah & H Schlechter:**
(Mesemb) **hugo-schlechteri** (Namaq) (disc by ? Otto 1924 & desc by A Tischer 1926) —> **Titanopsis hugo-schlechteri** by MK Dinter & MHG Schwantes 1927;
disc *species*:
(Conophytum) **bolusiae** (Namaq) c1926 (desc by MHG Schwantes 1929 & na HML Bolus),
(Conophytum) **schlechteri** (Little Namaq) c1926 (desc & nah by MHG Schwantes 1928),
(Conophytum) **stephanii** (Little Namaq) (desc by MHG Schwantes 1929 & na P Stephan),
(Conophytum) **subfenestratum** (Western Cape) (desc by MHG Schwantes 1929),
(Cotyledon) **buchholziana** (Namibia, Northern Cape) (desc by H Schuldt & P Stephan 1937) —> **Tylecodon buchholzianus** by HR Tolken 1978.

†**Schleiden**, (Prof) (Dr med) Matthias Jacob (5 Apr 1804–23 Jun 1881); {Schleid.}; Ger botanist, morphologist & anatomist; LLD at Heideberg Univ 1827, PhD at Jena Univ 1839 & MD at Tubingen 1843; prof of botany at Jena Univ 1840–62 & as dir of Jena bot garden 1851–62; prof of plant chemistry at Dorpat Univ 1863–64 & in St. Petersburg 1864–65; established cell theory in 1838, where all parts of plants have cells with different types of tissue in book below;
Book [1841] *Beitrage zur Anatomie der Cacteen (Memoires de l'Academie Imperialede St. Petersbourg)*; Ger; 46p; (1991 reprint; Ger; 46p),
[1873] *De Plant en Haar Leven (XI:Bijdrage tot de Kennis van de Cactusplanten)* Leiden;

446p + 6 plates.

Schleiffer, Hedwig;
Book [1973] *Sacred Narcotic Plants of the Old World Indians* NYC; Eng; 156p.

Schleipfer, Max;
Book [1976] *Mein Kakteenhelfer von A-Z* Augsburg, Ger; 219p.

†**Schlieben**, Hans-Joachim Eberhardt [Eberhard] (26 May 1902–14 Jul 1975); {Schlieb.}; Ger botanist & horticulturist; worked at Berlin-Dahlem Bot Museum 1930–36 & collected in Tanzania 1930–36; worked at Forestry Institute at Hamburg/Reinbeck, Ger 1936–55; to RSA 1955; worked at National Herbarium, Pretoria, RSA 1956–73; collected in RSA, Namibia, Mada & Comoro Islands 1955~;
species **nah:**
(Adenia) **schliebenii** (Tanzania, Mozambique) (desc & nah by HAT Harms 1936),
(Portulaca) **schliebenii** (Tanzania) (desc & nah by JKL von Poellnitz 1940).

Schliebener, Claudia;
Book [1988] *Phyllo-Kakteen Sortenverzeichnis Nach Curt Knebel* Hoyerswerda; 16p,
[1989] *Walther Haage und Seine Blattkakteen-Zuchtungen* = "Walther Haage & its cactus-leaf varieties" [w H-F Haage] Erfurt; 22p.

Schlosser, [Schlösser,] Bernd; Ger horticulturist;
Book [2000] *Lithops, Lebende Steine* Fellbach; Ger; 126p; (w 80 color photos & 14p Cole field # list).

Schltr., - See **Schlechter**, FRR.

†**Schlumberger**, Frédéric [Emile] (19 Apr 1823–18 Feb 1893); {Schlumb.}; French manufacturer, horticulturist &gardener; cactus collector in Brazil;
spouse Louise Julie [née Quèvremont] Schlumberger (1831–1922);
Book [1868] *Le Cactees*; French; 140p;
genus **nah:**
Schlumbergera (Brazil) (desc & nah by AC Lemaire 1858 & disc by A Cunningham).

†**Schmid**, Wilhelm Gustav Gunther (1888–1949); {W.G.G.Schmid};
Book [1925] *Morphologische, Anatomische und Entwicklungsgesdhidhtliche Untersuchungen an Mesembrianthemum pseudotruncatellum Berger* Zurich, Switzerland; Ger; 95p.

†**Schmidt**, Carl [Karl] Friedrich (1811–1890); {C.F.Schmidt}; Ger botanical artist & lithographer; drew all plant pictures in following book; spouse Johanne Christiane [née Kast] Schmidt;

Book [1853–63] *Darstellung und Beschreibung sämmtlicher in der Pharmacopoea Borussica aufgeführten Offizinellen Gewächse…* [w OC Berg, primary author]; (in 4 vols); (includes drawings of Euphorbia resinifera & E. canariensis).

†**Schmidt**, E; collected in Africa;
***species* nah:**
(Crassula) **schmidtii** (Africa) (desc & nah by E von Regel 1886).

†**Schmidt**, (Dr) Johann Anton (6 May 1823–21 Jan 1905); {J.A.Schmidt}; Ger botanist; PhD at Göttingen Univ; collected in Cape Verde Islands 1851; lecturer in Heidelberg 1852–63;
disc *species*:
(Umbilicus) **schmidtii** (Cape Verde Islands) 1850 (desc & nah by CA Bolle 1859);
desc *species*:
(Aeonium) **gorgoneum** (Cape Verde Islands) 1852.

†**Schmidt**, Karl; (–1919); Ger; owner of Haage & Schmidt nursery, Erfurt, Ger;
***species* nah:**
(Mesemb) **caroli-schmidtii** (Great Namaq) (desc & nah by MK Dinter & A Berger 1914) —> **Cheiridopsis caroli-schmidtii** by NE Brown 1926.

Schmied, R;
Book [1995] *Fotografie von Kakteen und Anderen Kleinen Zierpflazen* Friedberg, Ger; Ger; 26p.

Schmiedel, Ute (1965–); {U.Schmiedel}; Ger; IOS member 1997;
desc *species*:
(Hallianthus) **griseus** [w SA Hammerl] (RSA) 2002 (disc by SA Hammer 1997) —> **Cephalophyllum griseum** by HEK Hartmann 2003.

†**Schmiedicke**, Karl (1870–1926); Ger cactus hobbyist in Berlin;
***species* nah:**
(Echinocactus) **schmiedickeanus** (Tamaulipas) (desc by F Boedeker 1928 & disc by CL Klissing 1927) —> **Turbinicarpus schmiedickeanus** by F Buxbaum & C Backeberg 1937.

†**Schmitt**, R;
Book [1912] *Monatsschrift für Kakteenkunde* Neudamm, Ger; Ger; 92p.

Schmitz, André (1920–); Belgian; collected in Zaire 1938–59;
***species* nah:**
(Euphorbia) **schmitzii** (Zaire) (desc & nah by LC Leach 1976).

†**Schmoll**, Ferdinand [Fernando] (1879–24 May 1950); {F.Schmoll};
Ger to Cadereyta, Queretaro, Mex; artist & cactus collector in Mex;
founded & operated La Quinta (Quinta Fdo. Schmoll) c1900~,
a large cactus garden & business w spouse Carolina (–1951);
species **nah:**
(Cereus) **schmollii** (Hidalgo, Queretaro) (desc & nah by W Weingart 1931)
—> **Echinocereus schmollii** by NP Taylor 1985;
disc *species*:
(Mamm) **hahniana** (Guanajuato, Queretaro) (desc by E Werdermann 1929 & na A Hahn),
(Mamm) **pseudocrucigera** (Queretaro) 1937 (desc by RT Craig 1945) —> **Mamm formosa** ssp **pseudocrucigera** by DR Hunt 1997,
(Pachyphytum) **viride** (Queretaro) (desc by EE Walther 1937).

Schmutterer, (Prof) Heinz; Ger;
Book [1976] *Plants of East Africa — w special reference to Kenya* Rossdorf, Ger; Ger; 272p; (includes 35p succ & cacti).

Schnabel, Detlef H (?) Ger;
Book [2018] *A monograph of Euphorbia polygona from the perspective of an amateur botanist*; Eng; 154p w over 200 color photos.

Schneck, Marcus H; US naturalist & horticultural journalist; collected in sw US;
Book [1992] *Cacti—An Illustrated Guide to Over 150 Representative Species* NYC; Eng; 112p w 188 color photos,
[1992] *Growing Classic Cacti; An Illustrated Guide to over 150 Representative Species* NYC; Eng; 112p.

Schneekloth, Bernd;
Book [1994] *Ein Gymnocalycium-Verzeichnis* Trier; 85p.

†**Schneider**, Camillo Karl (7 Apr 1876–5 Jan 1951); {C.K.Schneid.};
Ger botanist, horticultural journalist & dendrologist; explored in Balkan Peninsula & Caucasus 1907–08 & in western China 1913–14; worked at Arnold Arboretum 1915–19;
garden architect & horticultural journalist in Berlin 1921~; friend of A Berger;
species **nah:**
(Huernia) **schneideriana** (Tanzania) (desc & nah by A Berger 1913 & disc by A Stolz c1912),
(Mesemb) **schneiderianum** (Namaq) (desc & nah by A Berger 1922) —> **Eberlanzia schneideriana** by HEK Hartmann 1998;
desc *species*:
(Ceropegia) **stenophylla** (China) 1916.

Schneider, Gert;
Book [1964] *Blumen und Kakteen Richtig Gepflegt* Wien; 224p.

†**Schnittspahn**, Georg Friedrich (3 Jan 1810–22 Dec 1865); {Schnittsp.}; Ger botanist; taught botany at Kranichstein 1831–38; worked at Darmstadt bot garden 1836~; spouse ? [née Marienstein] (1816–1897);
desc *species*:
(Agave) **pendula** (Veracruz, Chiapas) 1857,
(Sempervivum) **ruthenicum** [w CB Lehmann] (Romania, Moldavia, Ukraine, Russia) 1855,
(Sempervivum) **tomentosum** [w CB Lehmann] (Europe) 1856 —> **Sempervivum arachnoideum** ssp **tomentosum** by H Schinz & A Thellung 1923.

†**Schoeller**, Max; Ger ethnologist; explored in Africa;
***species* nah:**
(Aloe) **schoelleri** (Eritrea) (desc & nah by GA Schweinfurth 1894).

Schofield, Eileen K (1939–);
Book [1984] *Plants of the Galapagos Islands* NYC; Eng; 159p.

†**Scholl**, Johann Georg (24 Oct 1751–17 May 1831); Ger; Austrian gardener; worked w curator, NJ von Jacquin, at Schönbrunn Bot Gardens (summer palace of the Habsburgs) on outskirts of Vienna, Austria; collected at Cape 1786–99 (w F Boos 1786–87) for Austrian Emperor Joseph II for Imperial Garden at Schönbrunn;
***species* nah:**
(Mesemb) **schollii** (Western Cape) (desc & nah by JFM Salm-Dyck 1820) —> **Ruschia schollii** by MHG Schwantes 1949;
disc *species*:
(Cynanchum) **crispum** (Little Karoo) (desc by NJ von Jacquin 1800–04) —> **Fockea crispa** by KM Schumann 1895,
(Euphorbia) **clandestina** [w F Boos] (Western Cape) c1789 (desc by NJ von Jacquin 1804),
(Euphorbia) **ornithopus** [w F Boos] (Eastern Cape) c1789 (desc by NJ von Jacquin 1809),
(Euphorbia) **tuberculata** [w F Boos] (Western Cape) c1789 (desc by NJ von Jacquin 1798),
(Stapelia) **deflexa** (RSA) c1800 (desc by JN von Jacquin 1806–19),
(Stapelia) **fisSirostris** (Cape) c1805 (desc by JN von Jacquin 1806–19) —> **Stapelia rufa** var **fisSirostris** by AC White & BL Sloane 1937.

Scholz, Valentin; Ger;
Book [1999] *Chronik der Deutschen Kakteen-Gesellschaft* = "Chronicles of the Ger Cactus Soc" [w H Stutzel] Wursburg; Ger; 140p; (history of Ger Cactus Soc w many archival portraits).

Schomerus, Menko; mine owner in Mada;
***species* nah:**
(Aloe) **schomeri** (Mada) 1966 (desc & nah by WHH Rauh 1966).

Schonfelder, Schőnfelder,] Bruno; Ger succ enthusiast;

Book [1952] *Was Blüht auf Tisch und Fensterbrett?* [w WJ Fischer]; Ger; (1966 Eng translation by Edmund Launert = "The Illustrated Guide to Cacti & Indoor Plants" London, Eng; 171p, w succ on p 38–65); (also pub in 1966 under Eng alternate title
"The Young Specialist Looks at Cacti & Indoor Plants" London, Eng; 171p).

†**Schonland**, [Schönland, Schoenland,] (Prof) (Dr) Selmar
(15 Aug 1860–22 Apr 1940); {Schönl. or Schoenl.}; Ger botanist;
PhD (student of HGA Engler) at Kiel Univ, Ger 1883; to RSA 1889; curator & dir at Albany Museum, Grahamstown, RSA 1889–10; prof of botany at Rhodes Univ, Grahamstown, RSA 1905–25; prof of botany at Grahamstown Botanical Research Unit of Dept of Ariculture, RSA 1921–26; specialized in Crassula, Cotyledon, Anacampseros, Aloe & other succ; FLS 1890; father-in-law P MacOwan; spouse Flora [née MacOwan] Schonland;
Book [1929] *Materials for a Critical Revision of Crassulaceae* Cape Town, RSA; Eng; 142p;
***genus* nah:**
Schonlandia (desc & nah by HML Bolus 1927) (syn of Delosperma NE BROWN);
desc *genus*:
Pagella 1921 (na MM Page) (syn of Crassula LINNAEUS);
***species* nah:**
(Brachystelma) **schoenlandianum** (Eastern Cape) (desc, disc & nah by FRR Schlechter 1894),
(Cotyledon) **schonlandii** (Eastern Cape) (desc & nah by EP Phillips 1929) —> **Adromischus cristatus** var **schonlandii** by HR Tolken 1978,
(Mesemb) **schoenlandianum** (Western Cape) (desc & nah by FRR Schlechter 1899) —> **Drosanthem schoenlandianum** by HML Bolus 1930,
(Rhinephyllum) **schoenlandii** (Northern Cape) (desc & nah by HML Bolus 1936),
(Sedum) **schoenlandii** (China) (desc & nah by Raymond-Hamet 1910) —> **Orostachys schoenlandii** by H Ohba 1978;
disc *species*:
(Aloe) **greatheadii** [w JB Greathead] (Limpopo, Malawi, Zaire, Mozambique, Botswana, Zimbabwe) 1903 (desc by S Schonland 1904 & na JB Greathead),
(Euphorbia) **arida** (Northern Cape, Free State) 1911 (desc by NE Brown 1915),
(Euphorbia) **brevirama** (Eastern Cape) 1912 (desc by NE Brown 1915),
(Euphorbia) **schoenlandii** (Western Cape) (desc & nah by FA Pax 1904);
desc *species*:
(Aloe) **broomii** (Cape, Free State, Lesotho) 1907 (disc by R Broom 1905 & nah),
(Aloe) **castanea** (Mpumalanga, Gauteng, Limpopo) 1907 (disc by J Burtt-Davy 1906),
(Aloe) **chabaudii** (Tanzania, Zambia, Zimbabwe, Zaire, Mozambique, Swaziland, Malawi) 1905 (disc by JM Brown c1900 & na JA Chabaud),
(Aloe) **davyana** (Natal, Free State, Gauteng, Limpopo, North-West) 1904 (na J Burtt Davy) —> **Aloe greatheadii** var **davyana** by HF Glen & DS Hardy 1987,
(Aloe) **dyeri** (Mpumalanga) 1905 (na WT Thiselton-Dyer),
(Aloe) **parvibracteata** (Swaziland, Mpumalanga, Natal, Mozambique) 1907,
(Aloe) **pearsonii** (Northern Cape, Namibia) 1911 (disc by HHW Pearson 1910 & nah),

(Aloe) **peglerae** (Gauteng) 1904 (disc by A Pegler 1903 & nah),

(Anacampseros) **alstonii** (Namibia) 1903 (na EG Alston) —> **Avonia quinaria** ssp **alstonii** by GD Rowley 1994,

(Anacampseros) **recurvata** (Northern Cape) 1903 —> **Avonia recurvata** by GD Rowley 1994,

(Cotyledon) **alstoni** [w EG Baker] 1902 (na EG Alston) —> **Adromischus alstoni** by CA Smith 1939,

(Cotyledon) **flanaganii** [w JG Baker] (Eastern Cape) 1902 (na HG Flanagan) —> **Cotyledon orbiculata** var **flanaganii** by HR Tolken 1979,

(Cotyledon) **marlothii** (Western Cape) 1915 (na HWR Marloth) —> **Adromischus filicaulis** ssp **marlothii** by HR Tolken 1978,

(Cotyledon) **muirii** (Cape) 1915 (na J Muir),

(Cotyledon) **pearsonii** (Namibia, Northern Cape, Western Cape) 1912 (disc by HHW Pearson 1908-09 & nah) —> **Tylecodon pearsonii** by HR Tolken 1978,

(Cotyledon) **woodii** [w EG Baker] (Cape) 1902 (disc by JM Wood & nah),

(Crassula) **albertiniae** (Western Cape) 1917 —> **Crassula capensis** var **albertiniae** by HR Tolken 1975,

(Crassula) **alcicornis** (Western Cape) 1917,

(Crassula) **anomala** [w EG Baker] (Western Cape) 1898 —> **Crassula atropurpurea** var **anomala** by HR Tolken 1975,

(Crassula) **aphylla** [w EG Baker] (Northern Cape, Western Cape) 1898,

(Crassula) **broomii** (Northern Cape) 1907 (disc by R Broom & nah) —> **Crassula barbata** ssp **broomii** by HR Tolken 1975,

(Crassula) **columella** [w HWR Marloth] (Northern Cape) 1929,

(Crassula) **compacta** (Mpumalanga, Free State) 1897,

(Crassula) **connivens** (Western Cape & Northern Cape) 1907 —> **Crassula tetragona** ssp **connivens** by HR Tolken 1975,

(Crassula) **deceptor** [w EG Baker] (Western Cape) 1902,

(Crassula) **decidua** (Eastern Cape) 1929,

(Crassula) **dodii** [w EG Baker] (Western Cape) 1898 (na AH Wolley-Dod),

(Crassula) **elegans** [w EG Baker] (Namibia, Northern Cape, Western Cape) 1902,

(Crassula) **fastigiata** (Eastern Cape, Western Cape) 1929 —> **Crassula subulata** var **fastigiata** by HR Tolken 1975,

(Crassula) **flanaganii** [w EG Baker] (Eastern Cape, Natal) 1898 (disc by HG Flanagan & nah),

(Crassula) **garibina** [w HWR Marloth] (Namaq) 1929,

(Crassula) **grisea** (Namibia, Northern Cape) 1912,

(Crassula) **hirsuta** [w EG Baker] (Western Cape, Northern Cape) 1898,

(Crassula) **hottentotta** [w HWR Marloth] (Namibia, Northern Cape) 1929 —> **Crassula sericea** var **hottentotta** by HR Tolken 1975,

(Crassula) **inandensis** [w EG Baker] (Eastern Cape, Natal) 1898,

(Crassula) **intermedia** (Eastern Cape) 1929,

(Crassula) **laticephala** (Western Cape) 1913 —> **Crassula congesta** ssp **laticephala** by HR Tolken 1975,

(Crassula) **leucantha** [w EG Baker] (Western Cape) 1898 —> **Crassula multiflora** ssp **leucantha** by HR Tolken 1975,

(Crassula) **luederitzii** (Namibia) 1929 (na A Luderitz),

(Crassula) **macowaniana** [w EG Baker] (Namibia, Northern Cape) 1899 (na P MacOwan),

(Crassula) **minutiflora** [w EG Baker] (Namibia, Northern Cape) 1898 —> **Crassula thunbergiana** ssp **minutiflora** by HR Tolken 1975,

(Crassula) **multiflora** [w EG Baker] (Western Cape) 1898,

(Crassula) **namaquensis** [w EG Baker] (Northern Cape) 1898,

(Crassula) **natalensis** (Lesotho, Natal, Eastern Cape) 1897,

(Crassula) **nodulosa** (Namibia, Botswana, Uganda, Kenya, Tanzania, Free State, Northern Cape, North-West, Mpumalanga, Gauteng) 1903 —> **Crassula capitella** ssp **nodulosa** by HR Tolken 1975,

(Crassula) **oblanceolata** [w EG Baker] (Namibia, Northern Cape, Western Cap) 1898,

(Crassula) **pachystemon** [w EG Baker] (Eastern Cape) 1898 —> **Crassula lanuginosa** var **pachystemon** by HR Tolken 1975,

(Crassula) **pallens** [w EG Baker] (Namibia, Northern Cape) 1898,

(Crassula) **papillosa** [w EG Baker] (Western Cape, Eastern Cape) 1898,

(Crassula) **planifolia** (Eastern Cape) 1907,

(Crassula) **promontorii** [w EG Baker] (Western Cape) 1898 (disc by AH Wolley-Dod) —> **Crassula capensis** var **promontorii** by HR Tolken 1975,

(Crassula) **purcellii** (Western Cape) 1907 (disc by WF Purcell & nah) —> **Crassula atropurpurea** var **purcellii** by HR Tolken 1975,

(Crassula) **quadrangularis** (Western Cape) 1903 —> **Crassula montana** ssp **quadrangularis** by HR Tolken 1975,

(Crassula) **rattrayi** [w EG Baker] (Northern Cape, Eastern Cape) 1902 (disc by G Rattray & nah) —> **Crassula pubescens** ssp **rattrayi** by HR Tolken 1975,

(Crassula) **rogersii** (Eastern Cape) 1907 (disc by FA Rogers & nah),

(Crassula) **roggeveldii** (Northern Cape) 1929,

(Crassula) **rudis** [w EG Baker] (Northern Cape, Western Cape) 1902 —> **Crassula tetragona** ssp **rudis** by HR Tolken 1975,

(Crassula) **rudolfii** [w EG Baker] (Namibia, Northern Cape) 1898 (disc by H Schlechter & na FR Rudolf Schlechter),

(Crassula) **sericea** (Namibia, Northern Cape) 1910,

(Crassula) **simulans** (Western Cape) 1929,

(Crassula) **sladenii** (Namibia, Northern Cape) 1912 (na P Sladen),

(Crassula) **socialis** (Eastern Cape) 1929,

(Crassula) **southii** (Eastern Cape) 1897,

(Crassula) **subacaulis** [w EG Baker] (Northern Cape, Western Cape) 1898,

(Crassula) **swaziensis** (Swaziland, Zimbabwe, Limpopo, Gauteng, Natal, Mpumalanga) 1897,

(Crassula) **tenuicaulis** (Zimbabwe, Lesotho, Natal) 1897,

(Crassula) **tenuipedicellata** [w EG Baker] (Northern Cape, Western Cape) 1902,

(Dinacria) **grammanthoides** (Western Cape) 1897 —> **Crassula grammanthoides** by HR Tolken 1975,

(Gasteria) **armstrongii** (Eastern Cape) 1912 (disc by WE Armstrong & nah) —> **Gasteria nitida** var **armstrongii** by EJ van Jaarsveld 1992,

(Haworthia) **truncata** (Western Cape) 1910 (disc by L Britten 1909),

(Mesemb) **rogersii** [w A Berger] 1910 (na FA Rogers) —> **Delosperma rogersii** by HML Bolus 1929,

(Pagella) **archeri** 1921 (na J Archer);

transfer *species*:

"Crassula microcarpum" (JE Smith 1806) —> **Sedum microcarpum** 1890,

“Tillaea aquatica” (C Linnaeus 1753) —> **Crassula aquatica** 1891;

desc *variety*:

(Aloe ciliaris var) **tidmarshii** (Eastern Cape) 1903 (na E Tidmarsh),

(Crassula namaquensis var) **lutea** (Northern Cape, Western Cape) 1904 —> **Crassula namaquensis** ssp **lutea** by HR Tolken 1975,

(Crassula rubicunda var) **parvisepala** (Mpumalanga, Swaziland) 1929 —> **Crassula alba** var **parvisepala** by HR Tolken 1975,

(Crassula setulosa var) **jenkinsii** (Limpopo, Gauteng) 1929 (disc by TJ Jenkins & nah).

†**Schoonees**, DH; RSA teacher at Steytlerville;

disc *species*:

(Aloinopsis) **schooneesii** (Cape) 1931(desc & nah by HML Bolus 1931).

†**Schott**, **Arthur** Carl Victor (27 Feb 1814–26 Jul 1875); {A.Schott}; Ger naturalist, artist, engineer, poet, geologist & musician; to US 1850; cactus collector & scientific boundary surveyor in sw US & Mex while exploring the Gadsden Purchase territory in 1854 w (Lt) (Col) WH Emory; spouse Augusta Schott;

***species* nah:**

(Agave) **schottii** (Arizona, New Mex, Sonora) (desc & nah by GT Engelmann 1875);

disc *species*:

(Cereus) **schottii** (Arizona, Sonora, Sinaloa, Baja Calif) 1855 (desc & nah by GT Engelmann 1856) —> **Pachycereus schottii** by DR Hunt 1987,

(Mamm) **fissurata** (Texas, Coahuila, Chihuahua, Durango) 1852 (desc by GT Engelmann 1856) —> **Ariocarpus fissuratus** by KM Schumann 1894,

(Mamm) **recurvata** (Arizona, Sonora) 1855 (desc by GT Engelmann 1863) —> **Coryphantha recurvata** by NL Britton & JN Rose 1923,

(Opuntia) **schottii** (Texas, Coahuila) 1853 (desc & nah by GT Engelmann 1856) —> **Corynopuntia schottii** by FM Knuth 1936;

disc *variety*:

(Cereus pectinatus var) **rigidissimus** (Arizona, New Mexico, Sonora) 1855 (desc by GT Engelmann 1856) —> **Echinocereus rigidissimus** by FA Haage 1897,

(Opuntia whipplei var) **spinosior** (Chihuahua, Durango, Sonora, Arizona, New Mex) 1855 (desc by GT Engelmann 1856) —> **Cylindropuntia spinosior** by FM Knuth 1936.

†**Schott**, (Dr) Heinrich Wilhelm (7 Jan 1794–5 Mar 1865); {Schott};

Austrian botanist; gardener at Belvedere palace, Wien 1815; collected in Brazil 1817–21; gardener & dir at Schönbrunn 1821~; PhD at Jena Univ 1858;
desc *genera*
Brachychiton [w SFL Endlicher] (Australia, New Guinea) 1832,
Zamioculcas (tropical eastern Africa) 1856;
desc *species*:
(Besleria) **crassifolia** (Brazil) 1820 —> **Nematanthus crassifolius** by HJ Wiehler 1981,
(Nopalea) **inaperta** (Yucatan) 1913,
(Sempervivum) **heuffelii** (eastern Europe) 1852 (na J Heuffel),
(Sempervivum) **pittonii** [w CF Nyman & KGT Kotschy] (Austria) 1854 (na JC Pittoni),
(Sempervivum) **zeleborii** (Bulgaria, Yugoslavia, Greece, Romania) 1857 (na J Zelebor),
(Trichosiphym) **australe** [w SFL Endlicher] (Queensland) 1832 —> **Brachychiton australis** by A Terracciano 1898.

†**Schrader**, (Prof) (Dr med) Heinrich Adolph [Adolf] (1 Jan 1767–22 Oct 1836); {Schrad.}; Ger physician & botanist; MD at Göttingen Univ 1795; prof of botany & dir of bot garden (established 1734) at Göttingen, Ger 1802~;
desc *genus*:
Nematanthus (Brazil) 1821;
transfer *species*:
"Cucumis colocynthis" (C Linnaeus 1753) —> **Citrullus colocynthis** 1838.

Schramm, Dennis R;
Book [1977] *Cacti of Sourthern Nevada* [w JS Holland] Las Vegas, Nevada; Eng; 52p.

†**Schrank**, Franz von Paula (21 Aug 1747–22 Dec 1835); {Schrank}; Austrian botanist, entomologist, naturalist & Jesuit priest; prof of mathematics & physics at Amberg Lyceum 1776–84; prof of agriculture, mining, forestry, botany & zoology at Univ of Ingolstadt & Landshut 1784–1809; first dir of bot garden at Munich Academy of Sciences 1809–32; prolific writer;
Book [1829] *Hortus Regius Monacensis* [w CFP von Martius] Munich, Ger; 210p.

†**Schreiber**, Annelis [Anneliese] (1927–2010); {A.Schreib.}; Ger botanist;
desc *species*:
(Monsonia) **ignorata** [w H Merxmuller] (Namibia) 1965;
transfer *species*:
"Bauhinia esculenta" (WJ Burchell 1824) —> **Tylosema esculentum** 1960.

†**Schreiter**, Carlos Rodolfo (1877–1942); Argentina botanist;
***genus* nah:**
Schreiteria (Tucuman) (desc & nah by RC Carolin 1985);
***species* nah:**
(Lobivia) **schreiteri** (Argentina) (desc & nah by A Castellanos 1930 & disc by A Castellanos

1929) —> **Echinopsis saltensis** ssp **schreiteri** by M Lowry 2003.

Schremmer, Kurt;
Book [1991] *A Glossary of the Names & Terms used in Connection with Succ Plants* Kensington, Australia; Eng; 108p.

†**Schrenk**, Alexander Gustav von (4 Feb 1816–25 Jun 1876); {Schrenk}; Russian naturalist, geologist, entomologist; prof at Univ of Dorpat, Russia 1848–1857 & 1868~; explored in Central Asia & n Russia;
desc *species*:
(Umbilicus) **platyphyllus** (China, Kazakhstan, Kirgizia) 1841 —> **Rosularia platyphylla** by A Berger 1930.

†**Schroeder**, (Dr med) L; Montevideo, Uruguay; physician; amateur grower of c&s;
disc *species*:
(Gymnocalycium) **schroederianum** (Argentina, Uruguay) 1922 (desc & nah by C Osten 1941).

Schroeder, Marion;
Book [1977] *The Green Thumb Directory*; Eng; 230p; rev edition of The Garden Thumbook.

†**Schube**, (Dr) Theodor (8 Oct 1860–6 Jun 1934); Ger floristic botanist, conservationist & high school teacher; student of HGA Engler at Breslau Magdalenäum 1870; PhD at Univ of Breslau 1885;
***species* nah:**
(Euphorbia) **schubei** (Tanzania) (desc & nah by FA Pax 1904 & disc by F Goetze 1899) —> **Monadenium schubei** by NE Brown 1911.

†**Schubert**, (Dr) Bernice Giduz (6 Oct 1913–14 Aug 2000); US botanist; PhD at Radcliffe College 1942; researcher in systematic botany at Gray Herbarium, Harvard Univ 1941–49; plant taxonomist at USDA 1952–61; curator at Arnold Arboretum1962–84;
Book [1961] *Alkaloid-Bearing Plants & Their Contained Alkaloids* [w JJ Willaman] DC; Eng; 287p; (includes c&s plants).

†**Schuldt**, (Mr) ?; Ger horticulturist; owner of nursery in Hamburg, Ger 1936; [?Is this Hans from below?]
***species* nah:**
(Cotyledon) **schuldtiana** (Northern Cape, Namibia) (desc & nah by JKL von Poellnitz 1936) —> **Adromischus schuldtianus** by HE Moore 1976.

†**Schuldt**, Hans (fl. 1937); {Schuldt};
desc *species*:

(Hoodia) **triebneri** (Namibia) 1933 (disc by W Triebner & nah),
(Cotyledon) **buchholziana** [w P Stephan] (Namibia, Northern Cape) 1937 (disc by M Schlechter) —> **Tylecodon buchholzianus** by HR Tolken 1978.

Schuler, Stanley;
Book [1985] *Simon & Schuster's Guide to C&S*; Eng; 384p w over 350 color photos; (editor of & reprinted 1995); original title *Plante Grasse, Le Cactacee* by Mariella Pizzetti & translated by Cynthia Munro into Eng.

†**Schultes**, (Prof) (Dr med) Josef [Joseph] August (15 Apr 1773–21 Apr 1831) {Schult.}; Austrian physician, botanist & naturalist; MD at Wien Univ 1796; prof of zoology, botany, minerology, chemistry & natural history at Wien, Cracow, Innsbruck & at Landshut, Bavaria from 1797~; son JH Schultes;
Book [1817–30] Caroli a Linné Equitis *Systema Vegetabilium* Stuttgart, Ger; edition 16 of C Linnaeus' 1735 *Systema Naturae*; in 7 Vols; (Pectinaria, Orbea, Tromotriche, Tridentea, Obesia, Gonostemon, Caruncularia & Podanthes were re-incorporated into Stapelia in this book);
[1817] Vol 1; 642p;
[1817] Vol 2; 964p;
[1818] Vol 3; 584p;
[1818] Vol 4; 888p; Vol 1–4 w JJ Roemer;
[1819] Vol 5, 632p;
[1820] Vol 6; 852p; Vol 5–6 by JA Schultes alone;
[1829] Vol 7, Part 1; 753p;
[1830] Vol 7, Part 2; 1,062p; Vol 7 w JH Schultes;
desc *genus*:
Adenium [w JJ Roemer] (Arabia, Socotra, se & tropical Africa) 1819;
desc *species*:
(Adenium) **obesum** [w JJ Roemer] (Yemen, Uganda, Mozambique, Kenya, Tanzania) 1819,
(Aloe) **bowiea** [w JH Schultes] (Eastern Cape) 1829 (na J Bowie),
(Aloe) **postgenita** [w JH Schultes] (Western Cape) 1830 —> **Aloe brevifolia** var **postgenita** by JG Baker 1880,
(Cantua) **fasciculata** [w JJ Roemer] (Hidalgo) 1819 —> **Fouquieria fasciculata** by GV Nash 1903,
(Crassula) **thunbergiana** (Western Cape, Eastern Cape) 1820 (na CP Thunberg),
(Hydrophylax) **madagascariensis** [w JJ Roemer] (Mada, Tanzania) 1818 —> **Phylohydrax madagascariensis** by C Puff 1986,
(Sansevieria) **roxburghiana** (India) 1829 (na W Roxburgh),
(Sarcostemma) **forskaolianum** (Saudi Arabia, Yemen) 1820 (na P Forsskal),
(Tillaea) **sieberiana** (Australia, Tasmania, New Zealand) 1827 (na FW Sieber) —> **Crassula sieberiana** by GC Druce 1917,
(Tula) **adansonii** (Peru) [w JJ Roemer] 1819 (na M Adanson) —> **Nolana adansonii** by IM Johnston 1936,
(Yucca) **longifolia** (Puebla, Oaxaca) 1830 —> **Nolina longifolia** by WB Hemsley 1884;

transfer *species*:
"Anthericum favosum" (CP Thunberg 1800) —> **Bulbine favosa** [w JJ Roemer] 1829,
"Anthericum latifolium" (C von Linne *fil.* 1781) —> **Bulbine latifolia** [w JJ Roemer] 1829,
"Anthericum nutans" (NJ von Jacquin 1787) —> **Bulbine nutans** [w JJ Roemer] 1829.
“Bowiea myriacantha” (AH Haworth 1827) —> **Aloe myriacantha** [w JH Schultes] 1829,
"Nerium obesum" (P Forsskal 1775) —> **Adenium obesum** [w JJ Roemer] 1819,
“Stapelia ocellata” (NJ von Jacquin 1806–19) —> **Huernia ocellata** 1820,
“Stapelia punctata” (SF Masson 1797) —> **Piaranthus punctatus** 1820.

†Schultes, (Dr med) Julius Hermann (4 Feb 1804–1 Sep 1840); (Schultes *f.* or *fil.*); Austrian botanist, natural scientist & physician; MD at Univ of Landshut 1825; physician in München 1831~; father JA Schultes;
Book [1817–30] Caroli a Linné Equitis *Systema Vegetabilium* [w JA Schultes]; edition 16 of C Linnaeus' 1735 *Systema Naturae*; Vol 7; (see JA Schultes);
desc *species*:
(Aloe) **bowiea** [w JA Schultes] (Eastern Cape) 1829 (na J Bowie),
(Aloe) **postgenita** [w JA Schultes] (Western Cape) 1830 —> **Aloe brevifolia** var **postgenita** by JG Baker 1880,
(Smilacina) **forskaoliana** (Yemen, Sudan, Djibouti, Congo, Eritrea, Ethiopia, Somalia) 1829 (na P Forsskal) —> **Sansevieria forskaoliana** by FN Hepper & JRI Wood 1983,
(Yucca) **serratifolia** (Oaxaca) 1830 —> **Dasylirion serratifolium** by JG Zuccarini 1840;
transfer *species*:
“Bowiea myriacantha” (AH Haworth 1827) —> **Aloe myriacantha** [w JA Schultes] 1829.

†Schultes, (Prof) (Dr) Richard Evans (12 Jan 1915–10 Apr 2001); {R.E.Schult.}; US ethnobotanist & ethnopharmacologist; PhD w thesis on economic aspects of the flora of NE Oaxaca at Harvard Univ 1941; researched & wrote on peyote ritualistic use by Oklahoma's Kiowa Indians ≈1941; studied medicinal, narcotic & poisonous plants used by natives of nw Amazon in Colombia 1941–56; prof of botany & dir of bot museum at Harvard Univ 1956–85; editor of *Economic Botany* journal 1962–80; explored in Mex, Colombia, Venezuela, Brazil & Peru; received London's Linnean Soc Gold Medal 1992 & numerous other awards; spouse Dorothy [née McNeil] Schultes, opera singer;
Book [1979] *Plants of the Gods: Origins of Hallucinogenic Use* [w A Hofmann] London, Eng; Eng; 192p w number of color photos.

Schultz, D;
Book [1982] *A Checklist of C&S on Postage Stamps of the World* Herndon, Eng; Eng; 26p.

Schultz-Bip., — See **Schultz-Bipontinus**, CH.

†Schultz-Bipontinus, [Schultz, Bip,] (Dr med) Carl [Karl] Heinrich (30 Jun 1805–17 Dec 1867); {Sch.Bip. or Schultz-Bip}; Ger botanist & physician; specialized w Compositae; since ‘Schultz’ was such a common name in Ger, he added his

home town Bipontium (Zweibrücken) to his name to distinguish from other botanists;
first to transfer Cacalia & Kleinia species to Senecio, & Doria species to Othonna;
desc *species*:
(Senecio) **cicatricosus** (Cape) 1845,
(Senecio) **haworthii** [Little Namaq] 1845 (na AH Haworth),
(Senecio) **pendulus** (Arabia) 1845;
transfer *species*:
"Cacalia acaulis" (C von Linne *fil.* 1781) —> **Senecio acaulis** 1845,
“Cacalia anteuphorbium” (C Linnaeus 1753) —> **Senecio anteuphorbium** 1845,
"Cacalia articulate" (C von Linne *fil.* 1782) —> **Senecio articulatus** by 1845,
“Cacalia ficoides” (C Linnaeus 1753) —> **Senecio ficoides** 1845,
“Cacalia pendula” (P Forsskal 1775) —> **Senecio pendulus** 1845,
"Cacalia radicans" (C von Linne *fil.* 1781) —> **Senecio radicans** 1845,
“Cacalia Semperviva” (P Forsskal 1775) —> **Senecio Sempervivus** 1845,
"Kleinia crassulifolia" (AP de Candolle 1838) —> **Senecio crassulifolius** 1845,
“Kleinia longiflora” (AP de Candolle 1838) —> **Senecio longiflorus** 1845,
"Kleinia pinguifolia" (AP de Candolle 1838) —> **Senecio pinguifolius** 1845,
"Kleinia talinoides" (AP de Candolle 1838) —> **Senecio crassulifolius** 1845.

†**Schultze**, (Dr med) Johannes Dominicus [Dominik] (16 Jun 1751–22 May 1790); {J.D.Schultze}; Ger physician in Hamburg & naturalist; MD at Göttingen Univ 1775;
Book [1782] *Uber Die Grosse Amerikanische Aloe, Richtiger Agave, Bey Gelegenheit der Jetzt im Raths-Apotheker-Garten Bluhenden* Hamburg, Ger; 64p.

†**Schultze**, (Dr) Leonhard Sigismund (28 May 1872–29 Mar 1955); Ger zoologist, anthropologist, geographer & philologist; PhD at Jena Univ, Ger 1898 & lectured there 1898–1908; explored in Namibia 1903–05;
***species* nah:**
(Mesemb) **schultzei** (Cape) (desc & nah by FRR Schlechter & FLE Diels 1907) —> **Leipoldtia schultzei** by CH Friedrich 1960;
disc *species*:
(Mesemb) **rhopalophyllum** (Namaq) c1904 (desc by FRR Schlechter & FLE Diels 1907) —> **Fenestraria rhopalophylla** by NE Brown 1925.

Schulz, [later Quillin] Ellen—See **Quillin**, Ellen Dorothy.

Schulz, Lorraine;
Book [2005] *Echeveria Cultivars* [w A Kapitany] Teesdale, Australia; Eng;
208p w 543 color photos.

Schulz, **Rudolf** (1948–); Ger educated in Calif & to Australia; teaching degree at Calif State Univ, San Francisco 1973; teacher at high schools in Victoria & Queensland 1973~; c&s enthusiast 1980~; owner of *Tarrington Exotics* succ nursery 1983~; CSSA Fellow award 2013;

Book [1996] *Copiapo in their Environment, Chanara to El Cobre** Teesdale, Australia; Eng; 176p,
[1998] *Pinguone, Kenya (Succ & their Environment)* [w A Powys] Teesdale; Eng; 160p,
[2000] *Uebelmannia & Their Environment* [w M Machado] Teesdale; Eng; 160p,
[2000] *Succ for the Garden** Teesdale; Eng; 95p w193 color photos,
[2001] *More Succ for the Garden** Teesdale; Eng; 95p w193 color photos,
[2002] *Succ Success in the Garden* Teesdale; Eng; 104p,
[2003] *Succ Care & Health** Teesdale; Eng; 104p,
[2004] *Succ Propagation** Teesdale; Eng; 113p,
[2006] *Copiapoa* Teesdale; Eng; 240p.
[2007] *Aeoniums in Habitat and Cultivation* San Bruno, Calif; Eng; 216p w 546 color photos,
[2009] *Haworthia for the Collector* San Bruno, Calif; Eng; 240p w 567 color photos.
*[w A Kapitany]

†**Schumacher**, (Dr med) Heinrich Christian [Cristen] Friedrich [Frederic] (15 Nov 1757–9 Dec 1830); {Schumach.}; Danish botanist, physician & surgeon; MD at Copenhagen Univ 1817;
desc *species*:
(Euphorbia) **lateriflora** [w P Thonning] (Ghana to Nigeria) 1829,
(Sesuvium) **brevifolium** [w P Thonning] (Guinea) 1829.

†**Schumann**, (Dr) **Karl** Moritz (17 Jun 1851–22 Mar 1904); {K.Schum. or K.Sch.}; Ger botanist, hybridizer & taxonomist; PhD thesis on plant anatomy at Breslau Univ 1873; taught high school botany in Breslau (1876–1884); curator at Bot Museum of Berlin 1884~; botanist at Univ of Berlin 1893; taxonomist w emphasis on morphological & flower biological methodologies; co-founder [w K Hirscht] of DKG 1892 & editor of journal (pub by P Arendt) & pres 1892~; yearbook of DKG, *Schumannia,* 1994~ nah; he was first to use names
(1) **Thelocactus** in 1903 as a subgenus of the genus **Echinocactus**, raised to generic level by NL Britton & JN Rose 1922 &
(2) **Stenocactus** in 1898 as a subgenus of genus **Echinocactus**, raised to generic level by A Berger 1929;
Book [1890] *Cactaceae* Berlin, Ger; Ger; 77p w 25p of plates; (from Vol IV, Part II of Flora Brasiliensis),
[1892] *Die Sukkulenten* [w KT Rumpler] Berlin, Ger; Ger; 263p;
covered these families:
Asclepiadaceae 15p;
Cactaceae 130p;
Compositae 7p;
Crassulaceae 56p;
Euphorbiaceae 8p;
Liliaceae 24p;
Mesembryanthemaceae 12p;

Portulacaceae 5p,

[1897] *Verzeichnis der Geganwärtig in den Kulturen Befindlichen Kakteen* Neudamm, Ger; Ger; 30p,

[1897] *Succulente Reise-Erinnerungen aus dem Jahre 1896* Neudamm; 22p,

[1897–98] *Gesamtberchreibung der Kakteen (Monographia Cactacearum)* = "Complete Description of Cacti" Neudamm; Ger; 832p; (in 13 parts),

[1899] *Die Epiphytischen Kakteen* Berlin; Ger; 29p,

[1899] *Die Verbreitung der Cactaceae im Verhältniss zu Ihrer Systematischen Gliederung* Berlin; Ger; 114p; (1981 reprint),

[1899–1900] *Die Cactaceae der Republik Paraguay – Monatsschrift für Kakteenkunde*; Ger; 24p; (1988 reprint),

[1900–21] *Blühende Kakteen* [w RLA Gurke & FKJ Vaupel] Neudamm; Ger; (in 3 Vols); continued by RLA Gurke & FKJ Vaupel after his death); (watercolour paintings by Toni Gurke);

[1900–05] Vol 1; (60 plates w text)
[1905–10] Vol 2; (60 plates w text)
[1910–21] Vol 3; (60 plates w text)

[1902] *Succulente Reise Erinnerungen Aus dem Jahre 1901* Ger; Ger; 21p,

[1903] *Keys of the Monograph of the Cactaceae* Neudamm; Eng; 68p;

desc *genera*:

Maihuenia (Argentina, Chile) 1898,

Notocactus (Argentina, Uruguay, Brazil, Paraguay) 1898 (syn of Parodia SPEGAZZINI),

Pterocactus (Argentina) 1897,

Rebutia (Argentina, Bolivia) 1895 (na P Rebut),

Schlechterella (east Africa) 1899 (na FRR Schlechter),

Stathmostelma (Tropical Africa) 1893,

Wittia (Panama, Colombia, Peru) 1903 (na NH Witt) (syn of Pseudorhipsalis B&R),

Zygocactus (Rio de Janeiro) 1890 (syn of Schlumbergera LEMAIRE);

***species* nah:**

(Mamm) **schumannii** (Lower Calif) (desc & nah by H Hildmann 1891),

(Opuntia) **schumannii** (n S Amer) (desc by A Berger 1904);

desc *species*:

(Brachystelma) **tavalla** (Tanzania, nw Zimbabwe) 1901,

(Caralluma) **gracilipes** (Kenya, Tanzania) 1895 (disc by JM Hildebrandt c1872),

(Caralluma) **priogonium** (Kenya, Somalia, Tanzania, Ethiopia) 1905 (disc by HGA Engler 1902),

(Cereus) **balansae** (Argentina. Bolivia, Brazil, Paraguay) 1890 (disc by B Balansa & nah) —> **Harrisia balansae** by NP Taylor & DC Zappi 1997,

(Cereus) **chiotilla** (Oaxaca, Puebla, Guerrero, Michoacan) 1897 (disc by FAC Weber c1864) —> **Escontria chiotilla** by JN Rose 1906,

(Cereus) **euchlorus** (Argentina, Bolivia, Brazil, Colombia, Ecuador, Paraguay, Venezuela) 1897 —> **Praecereus euchlorus** by NP Taylor 1997,

(Cereus) **glaziovii** (Minas Gerais) 1890 (disc by AFM Glaziou 1888 & nah) —> **Arthrocereus glaziovii** by NP Taylor & DC Zappi 1991,

(Cereus) **hankeanus** (Argentina) 1897,
(Cereus) **hildmannianus** (Brazil, Paraguay) 1890 (na H Hildmann),
(Cereus) **hirschtianus** (Nicaragua, Costa Rica, Guatemala, El Salvador) 1897 (na K Hirscht) —> **Peniocereus hirschtianus** by DR Hunt 1991,
(Cereus) **hyalacanthus** (Argentina) 1897 —> **Cleistocactus hyalacanthus** by R Roland-Gosselin 1904,
(Cereus) **iquiquensis** (Chile) 1904 (disc by KF Reiche 1904) —> **Eulychnia iquiquensis** by NL Britton & JN Rose 1920,
(Cereus) **kerberi** (Colima) 1897 (disc by E Kerber 1880 & nah) —> **Stenocereus kerberi** by AC Gibson & KE Horak 1979,
(Cereus) **lamprospermus** (Paraguay) 1899 (disc by JD Anisits 1898),
(Cereus) **laniceps** (Bolivia) 1897 —> **Cleistocactus laniceps** by R Roland-Gosselin 1904,
(Cereus) **melanotrichus** (Bolivia) 1897 —> **Corryocactus melanotrichus** by NL Britton & JN Rose 1920,
(Cereus) **melanurus** (Minas Gerais) 1890 —> **Arthrocereus malanurus** by L Diers, PJ Braun & E Esteves Pereira 1987,
(Cereus) **microsphaericus** (Brazil) 1890 —> **Schlumbergera microsphaerica** by O Hoevel 1970,
(Cereus) **parviflorus** (Bolivia) 1897 —> **Cleistocactus parviflorus** by R Roland-Gosselin 1904,
(Cereus) **phatnospermus** (Paraguay) 1899 (disc by DJ Anisits 1898),
(Cereus) **stenogonus** (Paraguay, Argentina, Uruguay) 1899 (disc by JD Anisits 1898),
(Cereus) **thelegonus** (Argentina) 1897 —> **Echinopsis thelegona** by H Friedrich & GD Rowley 1974,
(Cereus) **wittii** (Amazonus B, Colombia, Peru, Venezuela) 1900 (disc by NH Witt & nah) —> **Strophocactus wittii** by NL Britton & JN Rose 1913,
(Ceropegia) **bonafouxii** (Angola, Namibia, Botswana, Zambia, Zimbabwe) 1904 (na ? Bonafoux),
(Ceropegia) **denticulata** (Kenya, Tanzania, Uganda, Natal) 1895,
(Ceropegia) **filipendula** (Angola, Malawi, Mozambique, Tanzania, Zaire, Zambia) 1893,
(Ceropegia) **loranthiflora** (Ethiopia) 1893,
(Ceropegia) **purpurascens** (Angola, Namibia, Botswana, Zimbabwe, Tanzania, Zaire) 1893 (disc by A von Mechow),
(Ceropegia) **stenantha** (Africa) 1893,
(Ceropegia) **subaphylla** (Saudi Arabia, Yemen, Ethiopia, Somalia, Oman, Kenya) 1903,
(Ceropegia) **umbraticola** (Zaire, Zambia, Angola, Tanzania, Malawi) 1893,
(Cotyledon) **purpusii** 1896 (na JA Purpus) —> **Sedum purpusii** by CEO Kuntze 1903,
(Craterostemma) **schinzii** (Namibia) 1893 (disc by H Schinz & nah) —> **Brachystelma schinzii** by NE Brown 1903,
(Decabelone) **grandiflora** (Namibia, Bechuanaland Protectorate, Southern Rhodesia, Transvaal, Cape) 1895 (disc by H Schinz c1886) —> **Tavaresia grandiflora** by A Berger 1910,
(Echidnopsis) **virchowii** (Somalia) 1893 (disc by JM Hildebrandt c1880 & na RC Virchow),
(Echinocactus) **anisitsii** (Paraguay) 1900 (disc by JD Anisits c1899 & nah)

—> **Gymnocalycium anisitsii** by NL Britton & JN Rose 1922,
(Echinocactus) **chilensis** (Chile) 1898 —> **Eriosyce chilensis** by F Kattermann 1994,
(Echinocactus) **chrysacanthion** (Jujuy) 1898 (disc by CEO Kuntze 1892) —> **Parodia chrysacanthion** by C Backeberg 1935,
(Echinocactus) **clavatus** (Chile) 1900 —> **Eriosyce subgibbosa** ssp **clavata** by F Kattermann 1994,
(Echinocactus) **damsii** (Paraguay) 1903 (disc by JD Anisits & na E Dams) —> **Gymnocalycium anisitsii** ssp **damsii** by GJ Charles 2005,
(Echinocactus) **delaetii** (Salta) 1901 (na F de Laet) —> **Gymnocalycium schickendantzii** ssp **delaetii** by GJ Charles 2005,
(Echinocactus) **fiedlerianus** (Atacama) 1903 (na R Fiedler) —> **Copiapoa fiedleriana** by C Backeberg 1936,
(Echinocactus) **glaucus** (Colorado, Utah) 1898 —> **Sclerocactus glaucus** by LD Benson 1966,
(Echinocactus) **graessneri** (Rio Grande do Sul) 1903 (disc by R Graessner 1903 & nah) —> **Parodia haselbergii** ssp **graessneri** by A Hofacker & PJ Braun 1998,
(Echinocactus) **hartmannii** (Paraguay, Goias, Mato Grosso do Sul) 1900 —> **Discocactus hartmannii** by NL Britton & JN Rose 1922,
(Echinocactus) **leninghausii** (Brazil, Paraguay, Uruguay) 1900 (na G Leninghaus) —> **Parodia leninghausii** by FH Brandt 1982,
(Echinocactus) **multicostatus** (Chihuahua, Coahuila, Durango, Nuevo Leon, San Luis Potosi, Zacatecas) 1894 —> **Stenocactus multicostatus** by AW Hill 1933,
(Echinocactus) **nigrispinus** (Paraguay) 1899 —> **Parodia nigrispina** by FH Brandt 1982,
(Echinocactus) **paraguayense** (Paraguay) 1903 (disc by E Hassler c1895) —> **Gymnocalycium paraguayense** by CC Hosseus 1939,
(Echinocactus) **peruvianus** (Peru) 1903 —> **Oroya peruviana** by NL Britton & JN Rose 1922,
(Echinocactus) **schilinzkyanus** (Argentina, Bolivia Brazil, Paraguay, Uruguay) 1897 (G von Schilinzky) —> **Frailea schilinzkyana** by NL Britton & JN Rose 1922,
(Echinocactus) **schumannianus** (Argentina, Brazil, Paraguay) 1893 (na KM Schumann) —> **Parodia schumanniana** by FH Brandt 1982,
(Echinocactus) **spiniflorus** (Argentina) 1903 —> **Echinopsis spiniflora** by A Berger 1929,
(Echinocactus) **strausianus** (Argentina) 1901 (na L Straus) —> **Eriosyce strausiana** by F Kattermann 1994,
(Echinopsis) **albispinosa** (Salta, Tucuman) 1903,
(Echinopsis) **calochlora** (Brazil, Bolivia) 1903,
(Echinopsis) **rhodotricha** (Bolivia, Brazil, Argentina) 1900,
(Fockea) **angustifolia** (Botswana, Kenya, Namibia, RSA, Tanzania, Zambia, Zimbabwe) 1893,
(Fockea) **multiflora** (Angola, Namibia, Botswana, Kenya, Tanzania, Zambia, Mozambique, Zimbabwe) 1893,
(Mamm) **carretii** (Nuevo Leon) 1898 (na ? Carret),
(Mamm) **durangensis** (Durango, Coahuila) 1898 —> **Coryphantha durangensis** by

NL Britton & JN Rose 1923,
(Mamm) **gigantea** (Guanajuato) 1898,
(Mamm) **perbella** (Guanjuato, Queretaro) 1898,
(Mamm) **wilcoxii** (Arizona, New Mex, Sonora, Chihuahua) 1898 (na TE Wilcox) —> **Mammillaria wrightii** ssp **wilcoxii** by DR Hunt 1997,
(Melocactus) **neryi** (Brazil, Suriname, Venezuela) 1901 (na SJ Nery),
(Opuntia) **assumptionis** (Paraguay, Brazil) 1899,
(Opuntia) **inamoena** (Minas Gerais) 1890 —> **Tacinga inamoena** by WH Stuppy & NP Taylor 2002,
(Opuntia) **lagopus** (Peru, Bolivia) 1903 (disc by A Weberbauer c1902) —> **Austrocylindropuntia lagopus** by I Crook, J Arnold & M Lowry 2003,
(Opuntia) **nigrispina** (Jujuy, Bolivia, Chile) 1898 —> **Tephrocactus nigrispinus** by C Backeberg 1936,
(Opuntia) **pachypus** (Peru) 1904 —> **Austrocylindropuntia pachypus** by C Backeberg 1942,
(Opuntia) **quimilo** (Argentina, Bolivia, Paraguay) 1898,
(Opuntia) **stenarthra** (Paraguay) 1899 (disc by JD Anisits 1898),
(Pachypodium) **cactipes** (Mada) 1895,
(Pereskia) **weberiana** (Cochabamba) 1898 (na FAC Weber),
(Phyllocactus) **thomasianus** (Chiapas, Guatemala) 1895 (na F Thomas) —> **Epiphyllum thomasianum** by NL Britton & JN Rose 1913,
(Pilocereus) **fulviceps** (Puebla) 1897 —> **Pachycereus fulviceps** by DR Hunt 1991,
(Pilocereus) **ulei** (Rio de Janeiro) 1903 (na EHG Ule) —> **Pilosocereus ulei** by RS Byles & GD Rowley 1957,
(Raphionacme) **globosa** (Angola, Zaire, Tanzania, Zambia, Zimbabwe, Swaziland) 1893,
(Rebutia) **minuscula** (Jujuy, Salta, Tucuman) 1895,
(Rhipsalis) **elliptica** (Brazil) 1890 (disc by CWH Mosen 1874–75),
(Rhipsalis) **erythrocarpa** (mtns of Tanzania & next to countries) 1895 —> **Rhipsalis baccifera** ssp **erythrocarpa** by WA Barthlott 1987,
(Rhipsalis) **lindbergiana** (Brazil) 1890 (disc by AFC Saint-Hilaire ≈1823),
(Rhipsalis) **neves-armondii** (Brazil) 1890 (na AF das Neves Armond),
(Rhipsalis) **warmingiana** (Argentina, Brazil, Paraguay) 1890 —> **Lepismium warmingianum** by WA Barthlott 1987,
(Schizoglossum) **angustissimum** (central to eastern Africa) 1893 —> **Aspidoglossum angustissimum** by AA Bullock 1952,
(Schizoglossum) **spathulatum** (Angola, Zaire, Zambia, Tanzania, Zimbabwe, Malawi, Mozambique) 1893 —> **Glossostelma spathulatum** by AA Bullock 1952,
(Stathmostelma) **angustatum** (Ethiopia) 1893,
(Stathmostelma) **gigantiflorum** (Tanzania) 1893,
(Stathmostelma) **incarnatum** (Angola) 1893,
(Stathmostelma) **odoratum** (Tanzania) 1900,
(Stathmostelma) **pauciflorum** (Zimbabwe, Aire, Zambia, Mozambique, Malawi, Tanzania, Kenya) 1893,

(Stathmostelma) **rhacodes** (Kenya) 1893,
(Vincetoxicum) **madagascariense** (Mada) 1893 —> **Cynanchum madagascariense** by KM Schumann 1895,
(Wittia) **amazonica** (Brazil, Colombia, Ecuador, Peru) 1903 (disc by EHG Ule 1902) —> **Pseudorhipsalis amazonica** by R Bauer 2003;
transfer *species*:
"Anhalonium kotschoubeyanum" (AC Lemaire 1845) —> **Ariocarpus kotschoubeyanus** 1897,
"Anhalonium trigonum" (FAC Weber 1893) —> **Ariocarpus trigonus** 1898,
"Cactus placentiformis" (JGC Lehmann 1826) —> **Discocactus placentiformis** 1894,
"Cereus brandegeei" (JM Coulter 1896) —> **Echinocereus brandegeei** 1898,
"Cereus columna-trajani" (LKG Pfeiffer 1837) —> **Cephalocereus columna-trajani** 1897,
"Cereus maritimus" (ME Jones 1883) —> **Echinocereus maritimus** 1898,
"Cynanchum crispum" (NJ von Jacquin 1800–04) —> **Fockea crispa** 1895,
"Delabechea rupestris" (J Lindley 1848) —> **Brachychiton rupestris** 1893,
"Echinocactus obrepandus" (JMF Salm-Dyck 1845) —> **Echinopsis obrepanda** 1894,
"Gomphocarpus pedunculatus" (J Decaisne 1844) —> **Stathmostelma pedunculatum** 1893,
"Lepismium dissimile" (GA Lindberg 1890) —> **Rhipsalis dissimilis** 1890,
"Mammillaria fissurata" (GT Engelmann 1856) —> **Ariocarpus fissuatus** 1894,
"Opuntia poeppigii" (LKG Pfeiffer 1837) —> **Maihuenia poeppigii** 1898,
"Pergularia edulis" (CP Thunberg 1794) —> **Fockea edulis** 1893,
"Pleurostelma africana" (FRR Schlechter 1895) —> **Schlechterella africana** 1900.

Schussler, (Dr) GF; US; PhD at Univ of Calif, Irvine 1970;
Book [1970] *Studies on the Hybridazation, Competition & Community Ecology of a Coastal Opuntia—Complex in Southern Calif* Irvine, Calif; 237p; (PhD thesis).

†**Schuster**, Curt (1860–1935); {C.Schust.}; Russian bot bibliographer; worked at Berlin bot garden 1886–1907 & librarian at HGA Engler's bot museum 1907–26;
desc *species*:
(Mesemb) **pumilum** [w FKG Fedde] (Western Cape) 1913 —> **Antimima pumila** by HEK Hartmann 1998.

Schuster, Danny (1 Jan 1949–); studied botany & horticulture; lived in Europe, Australia & New Zealand; collector & hobbyist;
Book [1984] *An Intro to Cacti* Dorset, Eng; Eng; 94p w 125 color photos,
[1990] *What Cactus is That?: A Comprehensive Guide to over 1000 Species; Eng; 240p,*
[1990] *The World of Cacti* NYC; Eng; 240p w over 400 color photos.

Schutte-Vlok, [née Schutte,] Anne Lise (1962–); RSA botanist; botanist at Dept of Botany & Plant Biotechnology, Univ of Johannesburg, RSA; spouse JHJ Vlok;
Book [2010] *Plants of the Klein Karoo* [w JHJ Vlok] Hatfield, RSA; 568p: (w a CD inside back cover & w many color photos).

†**Schutz**, [Schütz,] (Dr) Bohumil (4 Oct 1903–1 Jul 1993); {Schutz}; Czech Rep horticulturist; founting member of IOS 1950 & honorary member 1986; interested in Gymnocalycium genus;
Book [1969] *Pěstování Kaktusu* [w Z Fleischer] = "Care of Cacti" Prague, Czech Rep; Czech; 268p w 78 color photos,
▪[1975] *Uruguayske Notokaktusy A Wiggins A Price* [w Z Fleischer]; Czech,
[1979] *Die Gattung Astrophytum* [w O Sadowsky] Titisee-Neustadt, Ger; Ger; 248p w 16 color plates; (rev 1993 w214p & 20 color plates),
[1982] *Kakteenpflege-Eine Anleitung* [w Z Fleischer]; Ger; 338p,
[1986] *Muj Zivot s Kaktusy* Brno, Czech Rep; Czech; 48p,
[1986] *Kaktusy* [w Z Fleischer] Warsaw, Poland; Polish; 256p,
[1986] *Monagrafie Rodu 'Gymnocalycium'* = "Monograph of the genus Gymnocalycium" Brno; Czech; 150p w 24 color photos,
[1988] *Monografie Rodu Gymnocalycium (Dodatek)* Brno; 28p,
[1989] *Kakteen* [w Z Fleischer] Prague, Czech Rep; Ger; 338p w 100 color photos; (translation of *Pěstováné Kaktusu* book);
desc *species*:
(Gymnocalycium) **paediophilum** (Paraguay) 1977 (disc by F Ritter 1963).

Schuyler, Mary E; MS at Univ of Arizona, Tucson;
Book [1968] *The Isolation & Identification of Soft Rot Erwinia from Saguaro (Carnegiea gigantea) Flowers*; Eng; 38p; (MS thesis).

†**Schwantes**, Astrid; spouse MHG Schwantes;
***genus* nah:**
Astridia (Namaq) (desc & nah by MK Dinter & MHG Schwantes 1927).

†**Schwantes**, Dorothea; mother of MHG Schwantes;
***genus* nah:**
Dorotheanthus (Cape) (desc & nah by MHG Schwantes 1927).

†**Schwantes**, (Prof) (Dr) Martin Heinrich **Gustav** [Georg] (18 Sep 1881–17 Nov 1960); {Schw. or Schwant.}; Ger archaeologist & self made botanist; PhD at Hamburg Univ, Ger 1923; prof of prehistory at Kiel Univ (1929–46), Kiel, 1Ger; taxonomist & succ hobbyist; large collection of Mesembs given to Kiel Univ; worked on breakdown of C Linnaeus' oversized *Mesemb* genus into smaller separate genera (w NE Brown & HML Bolus competing w him in this task);
founding member of IOS 1950; spouse ? (–1960);
Book [1952] *Die Frűchte der Mesemb* Zurich, Switzerland; Ger; 38p,
[1954] *The Cultivation of the Mesemb* London, Eng; Eng; 88p; (edited by EW Shurly),
[1957] *Flowering Stones and Mid-day Flowers* London; Eng version translated by V Higgins; 420p w 56 leaves of plates;

genus nah:
Schwantesia (Namaq) (desc & nah by MK Dinter 1927);
desc *genera*:
Agnirictus 1930,
Aloinopsis (Cape) 1926,
Astridia [w MK Dinter] (Namaq) 1927 (na Astrid Schwantes),
Bergeranthus (Eastern Cape) 1926 (na A Berger),
Bolusanthemum 1928 (na HML Bolus) (syn of Bijlia NE BROWN),
Braunsia (Cape) 1928 (na JCE Brauns),
Brownanthus (Angola, Namibia, RSA) 1927 (na NE Brown),
Calamophyllum (Cape?) 1927,
Callistigma [w MK Dinter] 1928 (syn of Mesemb LINNAEUS),
Carruanthus (Eastern Cape, Western Cape) 1927,
Chasmatophyllum [w MK Dinter] (Namibia, Cape, North-West, Free State, Mpumalanga) 1927,
Conophyllum (Cape) 1928,
Corpuscularia (Eastern Cape) 1926,
Cylindrophyllum (Cape) 1927,
Derenbergiella (Namibia) 1928 (na J Derenberg) (syn of Mesemb LINNAEUS),
Dinteranthus (Namibia, Cape, Bushmanland) 1926 (na MK Dinter),
Diplosoma (Western Cape) 1925,
Dorotheanthus (Namaq to Western Cape) 1927 (na Dorothea Schwantes),
Dracophilus [w MK Dinter] (Namaq) 1927,
Drosanthemum (Namibia, Cape, Free State) 1927,
Eberlanzia (Namaq) 1926 (na F Eberlanz),
Ebracteola [w MK Dinter] (Namibia) 1927,
Faucaria (Eastern Cape, Western Cape) 1926,
Hereroa [w MK Dinter] (Namibia, RSA, Lesotho) 1927,
Herrea (Namaq, Karroo) 1928 (na AGJ Herre) (syn of Conicosia NE BROWN),
Herreanthus (Cape) 1928 (na AGJ Herre) (syn of Conophytum NE BROWN),
Hymenocyclus [w MK Dinter] 1927,
Jacobsenia [w HML Bolus] (Little Namaq, Western Cape) 1954 (na HJ Jacobsen),
Juttadinteria (Namaq) 1926 (na Jutta Dinter),
Machairophyllum (Eastern Cape, Western Cape) 1927,
Marlothistella (Eastern Cape, Western Cape) 1928 (na HWR Marloth),
Meyerophytum (Little Namaq) 1927 (na LG Meyer),
Micropterum (Cape) 1928,
Mitrophyllum (Little Namaq) 1926,
Monilaria (Little Namaq, Western Cape) 1929,
Namibia [w MK Dinter] (Namibia) 1927,
Nelia (Little Namaq) 1928 (disc by LG Meyer & na GC Nel),
Ophthalmophyllum [w MK Dinter] (Namaq) 1927 (syn of Conophytum NE BROWN),
Oscularia (Western Cape) 1927,

Psammophora [w MK Dinter] (Namaq) 1926,
Rhombophyllum (Eastern Cape) 1927,
Ruschia (Namibia, Cape, Orange Free State, Transvaal, Lesotho, Botswana) 1926 (na EJ Rusch),
Schlechteranthus (Little Namaq) 1929 (na M Schlechter),
Stoeberia [w MK Dinter] (Namibia, Northern Cape, Western Cape) 1927 (na E Stoeber),
Stomatium (Cape, Free State) 1926,
Tischleria (Eastern Cape) 1951 (na G Tischler) (syn of Carruanthus SCHWANTES),
Titanopsis (Namibia, Northern Cape, Free State, North-West) 1926,
Trichodiadema (Cape, Free State, North-West, Namibia) 1927;

species **nah:**
(Gibbaeum) **schwantesii** (Western Cape) (desc & nah by A Tischer 1937),
(Lithops) **schwantesii** (Namibia) (desc & nah by MK Dinter 1928 & disc by EJ Rusch 1926),
(Mesemb) **schwantesii** (Namaq) (desc & nah by MHG Schwantes 1916) —> **Titanopsis schwantesii** by MHG Schwantes 1926;

desc *species*:
(Agnirictus) **lesliei** (RSA) 1930 (na TN Leslie) —> **Stomatium leslei** by OH Volk 1955,
(Argyroderma) **amoenum** (Cape) 1929,
(Argyroderma) **braunsii** (Cape) 1929 (na JCE Brauns),
(Argyroderma) **jacobsenianum** (Little Namaq) 1933 (na H Jacobsen),
(Argyroderma) **schlechteri** (Cape) 1929 (na H Schlechter),
(Argyroderma) **schuldtii** (Cape) 1935,
(Chasmatophyllum) **braunsii** (Northern Cape, Western Cape) 1927 (na JCE Brauns),
(Chasmatophyllum) **nelii** (Eastern Cape) 1928 (na GC Nel),
(Cheiridopsis) **derenbergiana** (Little Namaq) 1927 (na J Derenberg),
(Cheiridopsis) **nelii** (Cape) 1928 (na GC Nel),
(Conophytum) **bolusiae** (Namaq) 1929 (disc by M Schlechter c1926 & na HML Bolus),
(Conophytum) **cylindratum** (Namaq) 1929 —> **Conophytum roodiae** ssp **cylindratum** by TC Smale 2000,
(Conophytum) **edwardii** (Cape) 1929 (na Edward S Taylor) —> **Conophytum piluliforme** ssp **edwardii** by SA Hammer 1993,
(Conophytum) **frutescens** (Namaq) 1927 (disc by LG Meyer),
(Conophytum) **herrei** (Cape) 1928 (na AGJ Herre),
(Conophytum) **nelianum** (LittleNamaq) 1928 (na GC Nel),
(Conophytum) **pellucidum** (Namaq) 1927 (disc by HWR Marloth),
(Conophytum) **ruschii** (Cape) 1938 (disc by EJ Rusch ≈1936 & nah) —> **Conophytum jucundum** ssp **ruschii** by SA Hammer 2002,
(Conophytum) **schlechteri** (Little Namaq) 1928 (disc by M Schlechter c1926 & nah),
(Conophytum) **stephanii** (Little Namaq) 1929 (disc by M Schlechter & na P Stephan),
(Conophytum) **subfenestratum** (Western Cape) 1929 (disc by M Schlechter),
(Conophytum) **velutinum** (Namaq) 1927 (disc by LG Meyer c1925),
(Delosperma) **taylorii** (Eastern Cape) 1927 (na WR Taylor),
(Derenbergiella) **luisae** (Namibia) 1928,

(Dinteranthus) **pole-evansii** (Namibia) 1926 (na IB Pole-Evans),
(Glottiphyllum) **nelii** (Eastern Cape, Western Cape) 1928 (na GC Nel),
(Hereroa) **herrei** (Eastern Cape) 1928 (na AGJ Herre),
(Hereroa) **nelii** (Western Cape) 1929 (na GC Nel),
(Hymenocyclus) **herrei** (RSA) 1927 (na AGJ Herre) —> **Malephora herrei** by MHG Schwantes 1928,
(Lithops) **deboeri** (Little Namaq) 1952 (na HW de Boer) —> **Lithops villetii** ssp **deboeri** by DT Cole 1988,
(Lithops) **dinteri** (Namaq) 1927 (disc by EJ Rusch 1926 & na MK Dinter),
(Lithops) **werneri** [w HJH Jacobsen] (Namibia) 1951 (disc by Werner Triebner c1950),
(Marlothistella) **uniondalensis** (Western Cape) 1928,
(Mesemb) **angelicae** [w MK Dinter] (Namaq) 1925 (disc by MK Dinter 1922 & na Angelika Rusch) —> **Conophytum angelicae** by NE Brown 1925,
(Mesemb) **chauviniae** (Namaq) 1920 (na M von Chauvin) —> **Conophytum chauviniae** by SA Hammer 1993,
(Mesemb) **eberlanzii** [w MK Dinter] (Namibia) 1925 (disc by FG Eberlanz c1923 & nah) —> **Lithops karasmontana** ssp **eberlanzii** by DT Cole 1988,
(Mesemb) **francisci** [w MK Dinter] (Namibia) 1925 (disc by MK Dinter 1922 & na Frantz de Laet) —> **Lithops francisci** by NE Brown 1926,
(Mesemb) **halenbergense** [w MK Dinter] (Namibia) 1925 —> **Conophytum halenbergense** by NE Brown 1926,
(Mesemb) **julii** [w MK Dinter] (Namaq) 1925 (disc by MK Dinter 1924 & na Julius Derenberg) —> **Lithops julii** by NE Brown 1926,
(Mesemb) **karasmontanum** [w MK Dinter] (Namibia) 1920 (disc by HJ Dinter) —> **Lithops karasmontana** by NE Brown 1926,
(Mesemb) **margaretae** (Namibia) 1920 (disc by Margarete Friederich & nah) —> **Lapidaria margaretae** by NE Brown 1928,
(Mesemb) **margaretae** (Namaq) 1920 (disc by Margarethe Friedrich & nah) —> **Lapidaria margaretae** by NE Brown 1928,
(Mesemb) **ponderosa** 1926 —> **Namibia ponderosa** by MK Dinter & MHG Schwantes 1935,
(Mesemb) **prismaticum** (Western Cape) 1919 (disc by HWR Marloth 1917) —> **Tanquana prismatica** by HEK Hartmann & SL Liede 1986,
(Mesemb) **ruschiorum** [w MK Dinter] (Great Namaq) 1925 (disc by EJ Rusch 1923 & na EJ Rusch & his family) —> **Lithops ruschiorum** by NE Brown 1926,
(Mesemb) **stephanii** (RSA) 1927 (na P Stephan) —> **Lampranthus stephanii** by MHG Schwantes 1938,
(Mesemb) **suaveolens** (Northern Cape) 1926 —> **Stomatium suaveolens** by him 1926,
(Mesemb) **taylorianum** [w MK Dinter] (Cape) 1925 (disc by MK Dinter 1922 & na E Taylor) —> **Conophytum taylorianum** by NE Brown 1926,
(Mesemb) **vallis-mariae** [w MK Dinter] (Namibia) 1925 (disc by M Beetz 1923) —> **Lithops vallis-mariae** by NE Brown 1926,
(Micropterum) **herrei** (Cape) 1950 (na AGJ Herre) —> **Cleretum herrei** by H-D Ihlenfeldt &

M Struck 1987,
(Mitrophyllum) **meyeri** (Little Namaq) 1927 (na LG Meyer) —> **Meyerophytum meyeri** by MHG Schwantes 1927,
(Namibia) **cinerea** [w MK Dinter] 1926,
(Nelia) **schlechteri** (Little Namaq) 1929 (na M Schlechter),
(Pleiospilos) **nelii** (Eastern Cape, Western Cape) 1930 (na GC Nel),
(Rhombophyllum) **nelii** (Eastern Cape) 1928 (na GC Nel),
(Ruschia) **amoena** (Little Namaq) 1930 —> **Antimima amoena** by HEK Hartmann 1998,
(Ruschia) **androsacea** [w HWR Marloth] (Northern Cape) 1928 —> **Antimima androsacea** by HEK Hartmann 1998,
(Ruschia) **bolusiae** (Western Cape) 1938 (na HML Bolus),
(Ruschia) **herrei** (Western Cape) 1928 (na AGJ Herre) —> **Antimima herrei** by HEK Hartmann 1998,
(Ruschia) **meyerae** (Little Namaq) 1930 (na L Meyer) —> **Antimima meyerae** by HEK Hartmann 1998,
(Ruschia) **nelii** (RSA) 1930 (na GC Nel),
(Ruschia) **nobilis** (Little Namaq) 1930 —> **Antimima nobilis** by HEK Hartmann 1998,
(Ruschia) **pusilla** (Little Namaq) 1928 —> **Antimima pusilla** by HEK Hartmann 1998,
(Ruschia) **schlechteri** (Little Namaq) 1928 (na M Schlechter) —> **Antimima schlechteri** by HEK Hartmann 1998,
(Ruschia) **valida** (Little Namaq) 1938,
(Ruschia) **willdenowii** (RSA) 1938 (na KL von Willdenow),
(Schlechteranthus) **maximiliani** (Little Namaq) 1929 (na Maximilian Schlechter),
(Sphalmanthus) **melanospermus** [w MK Dinter] 1929 —> **Phyllobolus melanospermus** by M Gerbaulet 1997,
(Stomatium) **bolusiae** (Free State) 1930 (na HML Bolus),
(Titanopsis) **calcarea** (Free State, Northern Cape, North-West) 1926 (disc by HWR Marloth 1907);

transfer *species*:

"Berrisfordia khamiesbergensis" (HML Bolus 1932) —> **Conophytum khamiesbergense** 1950,
"Hymenocyclus crassus" (HML Bolus 1932) —> **Malephora crassa** [w HJ Jacobsen] 1958,
"Hymenocyclus framesii" (HML Bolus 1929) —> **Malephora framesii** [w HJ Jacobsen] 1958,
"Hymenocyclus herrei" (MHG Schwantes 1927) —> **Malephora herrei** 1928,
"Hymenocyclus latipetalus" (HML Bolus 1929) —> **Malephora latipetala** [w HJ Jacobsen] 1958,
"Hymenocyclus uitenhagensis" (HML Bolus 1929) —> **Malephora uitenhagensis** [w HJ Jacobsen] 1958,
"Lithops vanzylii" (HML Bolus 1932) —> **Dinteranthus vanzylii** 1951,
"Mesemb abyssinicum" (EA von Regel 1873) —> **Delosperma abyssinicum** 1928,
"Mesemb acutangulum" (AH Haworth 1824) —> **Ruschia acutangula** 1938,
"Mesemb agninum" (AH Haworth 1826) —> **Stomatium agninum** 1926,

“Mesemb albidum” (C Linnaeus 1762) —> **Machairophyllum albidum** 1927,
“Mesemb albiflorum” (HML Bolus 1927) —> **Drosanthemum albiflorum** 1927,
“Mesemb aloides” (AH Haworth 1819) —> **Nananthus aloides** 1928,
“Mesemb amicorum” (HML Bolus 1922) —> **Ruschia amicorum** 1927,
“Mesemb anceps” (AH Haworth 1819) —> **Erepsia anceps** 1928,
“Mesemb approximatum” (HML Bolus 1926) —> **Ruschia approximata** 1926,
“Mesemb aristulatum” (OW Sonder 1862) —> **Ruschia aristulata** 1927,
“Mesemb attenuatum” (AH Haworth 1821) —> **Drosanthemum attenuatum** 1927,
“Mesemb attonsum” (HML Bolus 1927) —> **Trichodiadema attonsum** 1927,
“Mesemb aurantiacum” (AH Haworth) —> **Lampranthus aurantiacus** 1938,
“Mesemb ausense” (HML Bolus 1922) —> **Juttadinteria ausensis** 1926,
“Mesemb axthelmianum” (MK Dinter 1923) —> **Ruschia axthelmiana** 1926,
“Mesemb barbatum” (C Linnaeus 1753) —> **Trichodiadema barbatum** 1926,
“Mesemb beetzii” (MK Dinter 1923) —> **Stoeberia beetzii** [w MK Dinter] 1927,
“Mesemb bicorne” (OW Sonder 1862) —> **Psilocaulon bicorne** 1928,
“Mesemb binum” (NE Brown 1920) —> **Braunsia bina** 1928,
“Mesemb blandum” (AH Haworth 1819) —> **Lampranthus blandus** 1938,
“Mesemb bosscheanum” (A Berger 1908) —> **Faucaria bosscheana** 1926,
“Mesemb bracteatum” (W Aiton 1789) —> **Erepsia bracteata** 1928,
“Mesemb brevicaule” (AH Haworth) —> **Conicosia brevicaulis** 1928,
“Mesemb brevifolium” (W Aiton 1789) —> **Drosanthemum brevifolium** 1927,
“Mesemb bulbosum” (AH Haworth 1824) —> **Trichodiadema bulbosum** 1926,
“Mesemb calamiforme” (C Linnaeus 1753) —> **Cylindrophyllum calamiforme** 1927,
“Mesemb calcareum” (HWR Marloth 1907) —> **Titanopsis calcarea** 1926,
“Mesemb calycinum” (AH Haworth 1821) —> **Drosanthemum calycinum** 1927,
“Mesemb campestre” (WJ Burchell) —> **Ruschia campestris** 1927,
“Mesemb candens” (AH Haworth 1821) —> **Drosanthemum candens** 1927,
“Mesemb canonotatum” (HMLBolus 1926) —> **Ruschia canonotata** 1926,
“Mesemb capillare” (CP Thunberg 1791) —> **Drosanthemum capillare** 1927,
“Mesemb caroli” (HML Bolus 1922) —> **Ruschia caroli** 1927,
“Mesemb caulescens” (P Miller) —> **Oscularia caulescens** 1927,
“Mesemb chrysoleucum” (FRR Schlechter 1899) —> **Monilaria chrysoleuca** 1929,
“Mesemb cibdelum” (NE Brown 1920) —> **Nananthus cibdelus** 1928,
“Mesemb ciliatum” (W Aiton 1789) —> **Brownanthus ciliatus** 1927,
"Mesemb cinereum" (HWR Marloth 1910) —> **Namibia cinerea** [w MK Dinter] 1927,
“Mesemb clausum” (MK Dinter 1923) —> **Eberlanzia clausa** 1926,
“Mesemb clivorum” (NE Brown 1920) —> **Mitrophyllum clivorum** 1926,
“Mesemb collinum” (OW Sonder 1862) —> **Drosanthemum collinum** 1927,
"Mesemb compactum" (W Aiton 1789) —> **Pleiospilos compactus** 1927,
“Mesemb confusum” (MK Dinter 1923) —> **Cephalophyllum confusum** [w MK Dinter] 1928,
“Mesemb cordifolium” (C von Linne *fil.* 1781) —> **Aptenia cordifolia** 1928,
“Mesemb corniculatum” (C Linnaeus 1762) —> **Cephalophyllum corniculatum** 1928,

"Mesemb crassum" (HML Bolus 1926) —> **Ruschia crassa** 1926,
"Mesemb croceum" (NJ von Jacquin 1800) —> **Malephora crocea** 1928,
"Mesemb cupulatum**"** (HML Bolus 1927) —> **Ruschia cupulata** 1927,
"Mesemb curtophyllum" (HML Bolus 1923) —> **Cephalophyllum curtophyllum** 1928,
"Mesemb curtum" (AH Haworth 1819) —> **Ruschia curta** 1938,
"Mesemb cylindricum" (A Haworth 1795) —> **Calamophyllum cylindricum** 1927,
"Mesemb cymbiforme" (AH Haworth 1795) —> **Corpuscularia cymbiformis** 1926,
"Mesemb cymosum" (HML Bolus 1924) —> **Ruschia cymosa** 1927,
"Mesemb delaetianum" (MK Dinter 1923) —> **Dracophilus delaetianum** [w MK Dinter] 1927,
"Mesemb delicatulum" (HML Bolus 1927) —> **Drosanthemum delicatulum** 1927,
"Mesemb deltoides" (C Linnaeus)—> **Oscularia deltoides** 1927,
"Mesemb densum" (AH Haworth 1795) —> **Trichodiadema densum** 1926,
"Mesemb derenbergianum" (MK Dinter 1923) —> **Ebracteola deren-bergiana** [w MK Dinter] 1927,
"Mesemb deserticola" (HWR Marloth 1910) —> **Juttadinteria deserticola** 1926,
"Mesemb dinteri" (HGA Engler 1909) —> **Psilocaulon dinteri** 1928,
"Mesemb dissitum" (NE Brown 1920) —> **Mitrophyllum dissitum** 1926,
"Mesemb dolabriforme" (C Linnaeus 1753) —> **Rhombophyllum dolabriforme** 1928,
"Mesemb duthiae" (HML Bolus 1923) —> **Ruschia duthiae** 1949,
"Mesemb ebracteatum" (FRR Schlechter & FLE Diels 1907) —> **Cephalophyllum ebracteatum** [w MK Dinter] 1928,
"Mesemb echinatum" (GBP Lamarck 1788) —> **Delosperma echinatum** 1927,
"Mesemb ecklonis" (JMF Salm-Dyck) —> **Delosperma ecklonis** 1927,
"Mesemb elegans" (NJ von Jacquin 1804) —> **Lampranthus elegans** 1938,
"Mesemb englerianum" (MK Dinter & A Berger 1914) —> **Malephora engleriana** [w MK Dinter] 1928,
"Mesemb erectum" (HML Bolus 1927) —> **Ruschia erecta** 1927,
"Mesemb ermininum" (AH Haworth 1826) —> **Stomatium ermininum** 1926,
"Mesemb exspersum" (NE Brown 1922) —> **Drosanthemum exspersum** 1927,
"Mesemb felinum" (R Weston 1770) —> **Faucaria felina** 1926,
"Mesemb festivum" (NE Brown 1920) —> **Ruschia festiva** 1927,
"Mesemb flavo-croceum" (AH Haworth 1826) —> **Malephora flavo-crocea** [w HJH Jacobsen] 1958,
"Mesemb flavum" (AH Haworth 1821) —> **Drosanthemum flavum** 1927,
"Mesemb floribundum" (AH Haworth 1803) —> **Drosanthemum floribundum** 1927,
"Mesemb foliosum" (AH Haworth 1803) —> **Ruschia foliosa** 1927,
"Mesemb forficatum" (C Linnaeus 1758) —> **Erepsia forficata** 1928,
"Mesemb fourcadei" (HML Bolus 1927) —> **Drosanthemum fourcadei** 1927,
"Mesemb friedrichiae" (MK Dinter 1914) —> **Conophytum friedrichiae** 1925,
"Mesemb geminiflorum" (AH Haworth 1821) —> **Ruschia geminflora** 1949,
"Mesemb gessertianum" (MK Dinter & A Berger 1923) —> **Psilocaulon gessertianum** [w MK Dinter] 1928,

“Mesemb giffenii” (HML Bolus 1925) —> **Drosanthemum giffenii** 1949,
“Mesemb glareosum” (A Berger 1922) —> **Psilocaulon glareosum** [w MK Dinter] 1928,
“Mesemb glaucescens” (AH Haworth 1812) —> **Carpobrotus glaucescens** 1928,
“Mesemb granulatum” (NE Brown) —> **Hereroa granulata** [w MK Dinter] 1927,
“Mesemb granulicaule” (AH Haworth 1824) —> **Psilocaulon granulicaule** 1928,
“Mesemb griquense” (HML Bolus 1926) —> **Ruschia griquensis** 1926,
“Mesemb griseum” (HML Bolus 1926) —> **Ruschia grisea** 1926,
“Mesemb hamatum” (HML Bolus 1916) —> **Ruschia hamata** 1927,
“Mesemb hesperanthum” (MK Dinter & A Berger 1914) —> **Hereroa hesperantha** [w MK Dinter] 1927,
“Mesemb heteropetalum” (AH Haworth 1803) —> **Erepsia heteropetala** 1928,
“Mesemb hirtellum” (AH Haworth 1795) —> **Drosanthemum hirtellum** 1927,
“Mesemb hirtum” (NE Brown 1878) —> **Delosperma hirtum** 1928,
“Mesemb hispidum” (C Linnaeus 1753) —> **Drosanthemum hispidum** 1927,
“Mesemb hispifolium” (AH Haworth 1819) —> **Drosanthemum hispifolium** 1927,
“Mesemb hookeri” (A Berger 1908) —> **Lithops hookeri** 1928,
“Mesemb hugo-schlechteri” (A Tischer 1926) —> **Titanopsis hugo-schlechteri** 1927,
“Mesemb imbricatum” (AH Haworth) —> **Ruschia imbricata** 1927,
“Mesemb inclaudens” (AH Haworth 1797) —> **Erepsia inclaudens** 1928,
“Mesemb inconspicuum” (AH Haworth 1826) —> **Lampranthus inconspicuus** 1938,
“Mesemb incurvum” (AH Haworth 1803) —> **Lampranthus incurvus** 1938,
“Mesemb indecorum” (HML Bolus 1927) —> **Ruschia indecor** 1927,
“Mesemb induratum” (HML Bolus 1922) —> **Ruschia indurata** 1926,
“Mesemb inexpectatum” (MK Dinter) —> **Dinteranthus inexpectatus** 1926,
“Mesemb insigne” (FRR Schlechter 1899) —> **Erepsia insignis** 1928,semb intonsum" (AH Haworth1824) —> **Trichodiadema intonsum** 1928,
“Mesemb junceum” (AH Haworth 1803) —> **Psilocaulon junceum** 1928,
"Mesemb klinghardtianum" (MK Dinter 1923) —> **Delosperma klinghardtianum** [w MK Dinter] 1928,
“Mesemb kolbei” (HML Bolus 1922) —> **Jacobsenia kolbei** [w HML Bolus] 1954,
“Mesemb kovisimontanum” (MK Dinter 1923) —> **Juttadinteria kovisimontana** 1926,
“Mesemb laxum” (KL von Willdenow) —> **Ruschia laxa** 1949,
“Mesemb lehmannii” (CF Ecklon & KLP Zeyher 1837) —> **Corpuscularia lehmannii** 1926,
“Mesemb lineolatum” (AH Haworth 1821) —> **Ruschia lineolata** 1927,
“Mesemb lique” (NE Brown 1920) —> **Drosanthemum lique** 1927,
“Mesemb locale” (NE Brown 1920) —> **Lithops localis** 1938,
“Mesemb loreum” (C Linnaeus 1753) —> **Cephalophyllum loreum** 1928,
“Mesemb luederitzii” (HGA Engler 1909) —> **Drosanthemum luederitzii** 1927,
“Mesemb lupinum” (AH Haworth 1824) —> **Faucaria lupina** 1926,
“Mesemb luteum” (AH Haworth 1826) —> **Malephora lutea** 1928,
“Mesemb luteolum” (AH Haworth 1826) —> **Malephora luteola** 1928,
“Mesemb macowanii” (HML Bolus 1926) —> **Ruschia macowanii** 1949,
“Mesemb maculatum” (AH Haworth 1795) —> **Drosanthemum maculatum** 1927,

“Mesemb marianae” (HML Bolus 1924) —> **Ruschia marianae** 1949,
“Mesemb marlothii” (FA Pax 1889) —> **Brownanthus marlothii** 1927,
“Mesemb maximiliani” [FRR Schlechter & A Berger 1922) —> **Braunsia maximiliani** 1928,
“Mesemb micans” (C Linnaeus 1753) —> **Drosanthemum micans** 1927,
“Mesemb microspermum” (MK Dinter & J Derenberg 1927) —> **Dinteranthus microspermus** 1926,
“Mesemb mirabile” (NE Brown 1903) —> **Trichodiadema mirabile** 1926,
“Mesemb mitratum” (HWR Marloth 1910) —> **Mitrophyllum mitratum** 1926,
“Mesemb modestum” (MK Dinter & A Berger 1914) —> **Psammophora modesta** 1926,
“Mesemb molle” (A Berger 1908) —> **Ruschia mollis** 1929,
“Mesemb montis-draconis” (MK Dinter 1923) —> **Dracophilus montis-draconis** 1927,
“Mesemb montis-moltkei” (MK Dinter 1922) —> **Ebracteola montis-moltkei** [w MK Dinter] 1927,
“Mesemb muelleri” (HML Bolus 1922) —> **Ruschia muelleri** 1927,
“Mesemb muirianum” (HML Bolus 1927) —> **Ruschia muriana** 1927,
“Mesemb multiceps” (JMF Salm-Dyck 1854) —> **Bergeranthus multiceps** 1926,
“Mesemb multiflorum” (AH Haworth 1795) —> **Ruschia multiflora** 1927,
“Mesemb musculinum” (AH Haworth 1826) —> **Chasmatophyllum musculinum** [w MK Dinter] 1927,
“Mesemb mustelinum” (AH Haworth 1819) —> **Stomatium mustelinum** 1926,
“Mesemb napiforme” (NE Brown 1920) —> **Delosperma napiforme** 1927,
“Mesemb neethlingiae” (HML Bolus 1927) —> **Delosperma neethlingiae** 1927,
“Mesemb nissenii” (MK Dinter 1923) —> **Psammophora nissenii** [w MK Dinter] 1926,
“Mesemb noctiflorum” (C Linnaeus 1753) —> **Aridaria noctiflora** 1928,
“Mesemb obsubulatum” (AH Haworth 1803) —> **Cylindrophyllum obsubulatum** 1927,
“Mesemb odontocalyx” (FRR Schlechter & FLE Diels 1907) —> **Ruschia odontocalyx** 1926,
“Mesemb pageanum” (HML Bolus 1927) —> **Delosperma pageanum** 1927,
“Mesemb parviflorum” (NJ von Jacquin 1798) —> **Psilocaulon parviflorum** 1928,
“Mesemb parvifolium” (AH Haworth 1821) —> **Drosanthemum parvifolium** 1927,
“Mesemb patulum” (AH Haworth 1819) —> **Erepsia patula** 1928,
“Mesemb pauper” (MK Dinter 1923) —> **Drosanthemum pauper** [w MK Dinter] 1927,
“Mesemb pearsonii” (NE Brown 1912) —> **Argyroderma pearsonii** 1929,
“Mesemb perfoliatum” (P Miller 1768) —> **Ruschia perfoliata** 1926,
“Mesemb pisiforme” (AH Haworth 1803) —> **Monilaria pisiformis** 1929,
“Mesemb pole-evansii” (NE Brown 1920) —> **Dinteranthus pole-evansii** 1926,
“Mesemb praecultum” (NE Brown 1922) —> **Drosanthemum praecultum** 1927,
“Mesemb pulchellum” (AH Haworth 1803) —> **Ruschia pulchella** 1927,
“Mesemb pulverulentum” (AH Haworth 1795) —> **Drosanthemum pulverulentum** 1927,
“Mesemb purpureo-album” (AH Haworth 1826) —> **Cephalophyllum purpureo-album** 1928,
"Mesemb purpureo-croceum” (AH Haworth 1795) —> **Malephora purpureo-crocea** 1928,
“Mesemb puttkamerianum” (MK Dinter & A Berger 1914) —> **Hereroa puttkameriana** [w MK Dinter] 1927,

“Mesemb recurvum” (HML Bolus 1932) —> **Lampranthus recurvus** 1949,
“Mesemb rehneltianum” (A Berger 1908) —> **Hereroa rehneltiana** [w MK Dinter] 1927,
“Mesemb resurgens” (HML Bolus 1909) —> **Phyllobolus resurgens** 1928,
“Mesemb retroversum” (HML Bolus 1909) —> **Diplosoma retroversum** 1926,
“Mesemb rheolens” (HML Bolus 1927) —> **Dracophilus rheolens** 1927,
“Mesemb rhomboideum” (JMF Salm-Dyck 1849) —> **Rhombophyllum rhomboideum** 1927,
“Mesemb rigidicaule” (AH Haworth 1821) —> **Ruschia rigidicaulis** 1949,
“Mesemb rigidum” (AH Haworth 1803) —> **Ruschia rigida** 1927,
“Mesemb roseum” (KL von Willdenow 1809) —> **Lampranthus roseus** 1938,
“Mesemb rossii” (AH Haworth 1821) —> **Carpobrotus rossii** 1928,
“Mesemb rostellum” (AH Haworth 1821) —> **Ruschia rostella** 1927,
“Mesemb rosulatum” (HML Kensit [Bolus]) —> **Aloinopsis rosulata** 1926,
“Mesemb rubrolineata” (NE Brown 1911) —> **Aloinopsis rubrolineatus** 1926,
“Mesemb rupicola” (HGA Engler 1909) —> **Ruschia rupicola** 1926,
“Mesemb rurale” (NE Brown 1926) —> **Ruschia ruralis** 1938,
“Mesemb salicornioides” (FA Pax 1895) —> **Psilocaulon salicorniodes** 1928,
“Mesemb sarmentosum” (AH Haworth) —> **Ruschia sarmentosa** 1949,
“Mesemb scapiger” (AH Haworth 1824) —> **Bergeranthus scapiger** 1926,
“Mesemb schollii” (JMF Salm-Dyck 1820) —> **Ruschia schollii** 1949,
“Mesemb schwantesii” (MK Dinter 1916) —> **Titanopsis schwantesii** 1926,
“Mesemb scutatum” (HML Bolus 1927) —> **Monilaria scutata** 1929,
“Mesemb sedoides” (MK Dinter & A Berger) —> **Eberlanzia sedoides** 1926,
“Mesemb semidentatum” (AH Haworth 1819) —> **Ruschia semidentata** 1926,
“Mesemb serrulatum” (AH Haworth 1803) —> **Ruschia serrulata** 1938,
“Mesemb setuliferum” (NE Brown 1876) —> **Trichodiadema setuliferum** 1926,
“Mesemb simile” (OW Sonder) —> **Psilocaulon simile** 1928,
“Mesemb simpsonii” (MK Dinter 1923) —> **Juttadinteria simpsonii** 1926,
“Mesemb speciosum” (AH Haworth 1795) —> **Drosanthemum speciosum** 1927,
“Mesemb staminodiosum” (HML Bolus 1937) —> **Lampranthus staminodiosus** 1949,
“Mesemb striatum” (AH Haworth 1795) —> **Drosanthemum striatum** 1927,
“Mesemb strubeniae” (HML Bolus 1920) —> **Ruschia strubeniae** 1949,
“Mesemb suavissimum” (MK Dinter 1923) —> **Juttadinteria suavissima** 1926,
“Mesemb subcompressum” (AH Haworth 1826) —> **Drosanthemum subcompressum** 1927,
“Mesemb subglobosum” (AH Haworth) —> **Drosanthemum subglobosum** 1927,
“Mesemb subincanum” (AH Haworth 1824) —> **Delosperma subincanum** 1927,
“Mesemb taylori” (NE Brown 1915) —> **Corpuscularia taylori** 1926,
“Mesemb tenellum” (AH Haworth 1795) —> **Ruschia tenella** 1927,
“Mesemb teretifolium” (AH Haworth 1812) —> **Calamophyllum teretifolium** 1927,
“Mesemb teretiusculum” (AH Haworth 1795) —> **Calamophyllum teretiusculum** 1927,
“Mesemb testaceum” (AH Haworth 1819) —> **Delosperma testaceum** 1927,
“Mesemb thunbergii” (AH Haworth 1803) —> **Malephora thunbergii** 1928,
“Mesemb tigrinum” (AH Haworth 1795) —> **Faucaria tigrina** 1926,

"Mesemb tricolorum" (AH Haworth 1795) —> **Cephalophyllum tricolorum** 1928,
"Mesemb tuberculosum" (RA Rolfe 1916) —> **Faucaria tuberculosa** 1926,
"Mesemb tumidulum" (AH Haworth 1812) —> **Ruschia tumidula** 1927,
"Mesemb uitenhagense" (HML Bolus 1927) —> **Ruschia uitenhagensis** 1927,
"Mesemb umbellatum" (C Linnaeus 1753) —> **Ruschia umbellata** 1927,
"Mesemb uncinatum " (C Linnaeus 1753) —> **Ruschia uncinata** 1926,
"Mesemb unidens" (AH Haworth 1826) —> **Ruschia unidens** 1926,
"Mesemb urbanianum" (FRR Schlechter 1896) —> **Erepsia urbaniana** 1928,
"Mesemb vaginatum" (AH Haworth 1921) —> **Ruschia vaginata** 1927,
"Mesemb velutinum" (HML Bolus 1922) —> **Gibbaeum velutinum** 1927,
"Mesemb veruculoides" (OW Sonder 1862) —> **Malephora veruculoides** 1928,
"Mesemb vespertinum" (A Berger 1908) —> **Bergeranthus vespertinus** 1926,
"Mesemb violaceum" (AP de Candolle 1801) —> **Lampranthus violaceus** 1938,
"Mesemb virescens" (AH Haworth 1812) —> **Carpobrotus virescens** 1928,
"Mesemb vittatum" (NE Brown 1876) —> **Nananthus vittatus** 1928,
"Mesemb vulvaria" (MK Dinter 1914) —> **Ruschia vulvaria** 1926,
"Mesemb weigangianum" (MK Dinter 1923) —> **Leipoldtia weigangiana** [w MK Dinter] 1937,
"Mitrophyllum meyeri" (MHG Schwantes 1927) —> **Meyerophytum meyeri** 1927,
"Sterropetalum pillansii" (NE Brown 1928) —> **Nelia pillansii** 1929;

transfer *variety*:

"Mesemb deltoides var majus" (R Weston) —> **Oscularia major** 1949,
"Mesemb deltoides var pedunculatum" (NE Brown) —> **Oscularia pedunculata** 1949,
"Mesemb junceum var paciflorum" (OW Sonder) —> **Psilocaulon paciflorum** 1928,
"Mesemb purpureo-croceum var flavocroceum" (AH Haworth) —> **Malephora flavo-crocea** [w HJ Jacobsen] 1958,
"Mesemb simile var namaquense" (OW Sonder) —> **Psilocaulon namaquense** 1928,
"Mesemb striatum var pallens" (AH Haworth 1821) —> **Drosanthemum pallens** 1938.

†**Schwartz**, (Dr med) **Herman** Arthur (25 May 1920–12 Jan 2008); US in Mill Valley, Calif; physician, oncologist, natural sciences & succ book editor & publisher; majored in zoology & botany at Cornell Univ, Ithaca, NY & taught botany & biology at Univ of Calif, Berkeley a few years; MD degree at Harvard Univ, Cambridge, Massachusetts 1950; physician & oncologist at Kaiser Medical 1954–85; explored in Mex, Rhodesia, RSA, Kenya, Mada; cultivated one of world's largest collection of Euphorbia plants; founder & creator of *Marin-Bolinas Botanical Garden*, Bolinas, Calif 1985~;
founder & owner of *Strawberry Press*, Mill Valley, Calif; CSSA Fellow award 1989; established annual travel fund for CSSA members to visit Mada, India or s Africa 2000~;
spouse Leah [née Greenfield] Schwartz (26 Jul 1920–), artist, illustrator & photographer;
Book pub by Strawberry Press:
[1983–97] *Euphorbia (Soc) Journals* [w many photos & co-edited by HA Schwartz & Ron LaFon (1948–)] Mill Valley; Eng:

[1983] Vol 1, 130p;

[1984] Vol 2, 154p;
[1985] Vol 3, 154p;
[1987] Vol 4, 169p;
[1988] Vol 5, 166p;
[1989] Vol 6, 154p;
[1991] Vol 7, 169p;
[1992] Vol 8, 154p;
[1994] Vol 9, 250p;
[1997] Vol 10, 243p,

[1987] *Caudiciform & Pachycaul Succ* Mill Valley; Eng; 282p; [by author GD Rowley],

[1994] *Succ Compositae (Senecio & Othonna)* Mill Valley; Eng; 238p; [by author GD Rowley],

[1995] *Succ & Xerophytic Plants of Mada (Vol 1)* Mill Valley; Eng; 343p; [by author WHH Rauh],

[1997] *A History of Succ Plants* Mill Valley; Eng; 409p; [by author GD Rowley],

[1998] *Succ & Xerophytic Plants of Mada Vol 2* Mill Valley; Eng; 385p; [by author WHH Rauh];

disc *species*:

(Euphorbia) **herman-schwartzii** [w WHH Rauh, DC Wasshaousen & SL Linden] (Mada) 1990 (desc & nah by WHH Rauh 1991),

(Kleinia) **schwartzii** [w G Powys] (Kenya) 1986 (desc & nah by LE Newton 1993) —> **Senecio mweroensis** fa **schwartzii** by GD Rowley 1996.

†**Schwartz**, (Dr) Oskar (26 Oct 1901–13 Oct 1945); {O.Schwartz}; Ger botanist; PhD at Göttingen Univ 1925; worked at Bot Institute, Göttingen 1924–27 & at Institut fur Allgemeine Botanik 1927~;

desc *species*:

(Caralluma) **dolichocarpa** (Yemen) 1939,

(Caralluma) **eremastrum** (Yemen, Saudi Arabia) 1939 —> **Orbea wissmannii** var **eremastrum** by PV Bruyns 2001,

(Caralluma) **wissmannii** (Saudi Arabia, Yemen) 1939 (na H von Wissmann) —> **Obea wissmannii** by PV Bruyns 2001,

(Senecio) **deflersii** (Yemen) 1939 (disc by A Deflers 1893 & nah);

desc *variety*:

(Jatropha villosa var) **sublobata** (Yemen, Oman, Somalia) 1939 —> **Jatropha pelargoniifolia** var **sublobata** by A Radcliffe-Smith 1983.

†**Schwarz**, **Fritz** (1900–1988); {Schwarz}; Poland to Mex 1920; explored in Mex 40+ yrs; field collector & exporter of Mex cacti in 1920s & 30s;

***species* nah:**

(Echinocereus) **schwarzii** (Durango, Chihuahua) (desc & nah by AB Lau 1982) —> **Echinocereus adustus** ssp **schwarzii** by NP Taylor 1997,

(Mamm) **schwarzii** (Guanajuato) (desc & nah by EW Shurly 1949),

(Strombocactus) **schwarzii** (San Luis Potosi) (desc & nah by EW Shurly 1948) —> **Turbinicarpus schmiedickeanus** ssp **schwarzii** by NP Taylor 1998,

(Thelocactus) **schwarzii** (Tamaulipas) (desc & nah by C Backeberg 1950) —> **Thelocactus bicolor** ssp **schwarzii** by NP Taylor 1998;

disc *species*:

(Ferocactus) **schwarzii** (Sinaloa) 1940 (desc & nah by GE Lindsay 1955),

(Mamm) **deherdtiana** (Oaxaca) 1959 (desc by SJ Farwig 1969 & na C DeHerdt),

(Mamm) **guillauminiana** (Durango, Sinaloa) (desc by C Backeberg 1952),

(Mamm) **mollendorffiana** (Hidalgo) 1937 (desc by EW Shurly 1948 & na H Mollendorff) —> **Mamm rhodantha** ssp **mollendorffiana** by DR Hunt 1997,

(Mamm) **pennispinosa** (Coahuila, Durango) (desc by H Krainz 1948),

(Mamm) **schwarzii** (Guanajuato) (desc & nah by EW Shurly 1949).

†**Schwebs**, Willy (1876–1934); Ger horticulturist near Dresden; interested in cacti;
Book [c1909] *Sorten-Verseichnis nebst Kultur-Anweisung über Kakteen und Fettpflanzen* Dresden, Ger; 18p w 27 photos; (retail trade catalog);

***species* nah:**

(Echinocactus) **schwebsianus** (Cochabamba) (desc & nah by E Werdermann 1930) —> **Parodia schwebsiana** by C Backeberg 1935.

†**Schweickerdt**, Emil; Ger to RSA art dealer; explored w H Lang in Africa;

disc *species*:

(Hoodia) **langii** [w H Lang] (Cape, British Bechuanaland) 1933 (desc & na H Lang by AA Obermeyer & CL Letty 1937),

(Hoodia) **rosea** [w H Lang] (Cape, British Bechuanaland) 1933 (desc by AA Obermeyer & CL Letty 1936).

†**Schweickerdt**, (Prof) (Dr) Herold Georg Wilhelm Johannes (29 Feb 1903–21 Feb 1977); {Schweick.}; Ger to RSA 1904; RSA botanist & agrostologist; PhD at Bonn Univ, Ger 1928; expedition to n Transvaal w IC Verdoorn & AA Obermeijer 1932; prof of botany & lecturer at Univ of Pretoria, RSA 1944–63; Senior Capt Scott Medal award by S Africa Biological Soc 1962;

***species* nah:**

(Gasteria) **schweikerdtiana** (Cape) (desc & nah by JKL von Poellnitz);

disc *species*:

(Caralluma) **schweickerdtii** [w AA Obermeyer & IC Verdoorn] (Transvaal) 1932 (desc & nah by AA Obermeyer 1937),

(Ceropegia) **cimiciodora** [w AA Obermeyer & IC Verdoorn] (Natal, Limpopo, Swaziland) 1932 (desc by AA Obermeyer 1933);

desc *species*:

(Euphorbia) **aeruginosa** (Limpopo) 1935 (disc by IC Verdoorn, AA Obermeijer & HGW Schweickerdt 1932),

(Euphorbia) **lydenburgensis** [w CL Letty] (Mpumalanga) 1933 (disc by JC van Balen &

GJ de Wijn 1932).

†**Schweinfurth**, (Dr) **Georg** August (29 Dec 1836–19 Sep 1925); {Schweinf.}; Ger ethnologist, geographer, palaeontologist & botanist; PhD in botany at Heidelberg Univ 1862; explored in ne Africa and Arabia 1863~; to Cairo, Egypt 1875–88 & winters 1888~ in Egypt or various other n African countries; special attention to Stapelieae family;

species **nah:**

(Caralluma) **schweinfurthii** (Rwanda Zambia, Zaire, Tanzania, Zimbabwe) (desc & nah by A Berger 1910 & disc by FL Stuhlmann 1891) —> **Orbea schweinfurthii** by PV Bruyns 2001,

(Jatropha) **schweinfurthii** (Sudan, Uganda) (desc & nah by FA Pax 1894);

disc *species*:

(Aloe) **camperi** (Eritrea, Ethiopia) 1865 (desc by GA Schweinfurth 1894 & na M Camperio),

(Aloe) **crassipes** (Sudan, Zambia) 1870 (desc by JG Baker 1880),

(Aloe) **rubroviolacea** (Yemen, Saudi Arabia) 1889 (desc by GA Schweinfurth 1894),

(Aloe) **sabaea** (Yemen, Saudi Arabia) 1889 (desc by GA Schweinfurth 1894),

(Aloe) **schweinfurthii** (Ghana, Mali, Benin, Nigeria, Sudan, Uganda, Zaire) 1870 (desc & nah by JG Baker 1880),

(Aloe) **sinkatana** (Sudan) 1868 (desc by GW Reynolds 1957),

(Boucerosia) **adenensis** (Yemen) 1881 (desc by A Deflers 1896) —> **Caralluma adenensis** by A Berger 1910,

(Boucerosia) **penicillata** (Saudi Arabia, Yemen, Oman, Ethiopia, Sudan) 1889 (desc by A Deflers 1889) —> **Caralluma penicillata** by NE Brown 1892,

(Cotyledon) **barbeyi** (Tropical Africa, sw Arabian Peninsula) (desc by JG Baker 1893 & na W Barbey),

(Echidnopsis) **nubica** (Sudan, Ethiopia) 1868 (desc by NE Brown 1895),

(Edithcolea) **sordida** (Socotra, Kenya) 1881 (desc by NE Brown 1903),

(Euphorbia) **ammak** (Arabian Peninsula) 1899,

(Huernia) **concinna** (Somalia) 1892 (desc by NE Brown 1903);

desc *species*:

(Aloe) **schoelleri** (Eritrea) 1894 (na M Schoeller),

(Aloe) **steudneri** 1894 (disc by H Steudner 1862 & nah),

(Bauhinia) **fassoglensis** (Northern Prov, Mpumalanga, Natal) 1868 —> **Tylosema fassoglense** by AR da Torre & JOD Hillcoat 1955,

(Brachystelma) **keniense** (Kenya) 1892,

(Dorstenia) **barnimiana** (Cameroon to Somalia, Yemen, Congo, Zaire, Tanzania) 1862,

(Euphorbia) **inarticulata** (Arabian Peninsula) 1899 (disc by him 1888),

(Euphorbia) **parciramulosa** (Arabian Peninsula) 1899,

(Huernia) **sprengeri** (Ethiopia, Eritrea, Somalia, Sudan, Yemen) 1893 (disc by Q Dillon c1840 & na CL Sprenger) —> **Orbea sprengeri** by PV Bruyns 2001,

(Kalanchoe) **citrina** (Yemen, Ethiopia, Somalia, Uganda, Kenya) 1896,

(Kosaria) **tropaeolifolia** (Cameroon to Somalia to Uganda, Kenya) 1868 —> **Dorstenia barnimiana** var **tropaeolifolia** by AB Rendle 1916;

transfer *species*:
"Cotyledon deficiens" (P Forsskal 1775) —> **Kalanchoe deficiens** [w PFA Ascherson] 1889;
disc *variety*:
(Aloe percrassa var) **menachensis** (Yemen) 1894 —> **Aloe menachensis** by E Blatter 1936,
(Caralluma europaea var) **marmaricensis** (Libia) 1883 (desc by A Berger 1910;
transfer *variety*:
"Kalanchoe brachycalyx var yemensis" (A Deflers 1889) —> **Kalanchoe yemensis** 1896.

Schwerin, (Dr) Karl Henry (21 Feb 1936–); {K.H.Schwerin}; US anthropologist; PhD at Univ of Calif, Los Angeles 1965; member of New Mex C&SS (VP 1970–71);
Book [1974] *New Mex Cactus Names. Where did the Scientific Names come from? What do they Mean?* Albuquerque, New Mex; Eng; 11p.

Scientific Soc of SW Africa;
Book [1976] *Dinteria 12*; magazine devoted to 'euphorbias' in Angola & Kaokoland; 35p,
[1984] *Dinteria 17*; 'ceropegias'; 84p.

†**Scopoli**, (Prof) (Dr med) Giovanni Antonio [Johannes Antonius, Johann Anton] (3 Jun 1723–8 May 1788); {Scop.}; Austrian physician, naturalist, chemist, mineralogist & botanist; MD at Innsbruck Univ, Austria 1743; prof of minerology & metallurgy in Schemnitz (Baňska Štiavnica) 1767–76; prof of chemistry & botany at Univ of Pavia, Italy 1776~;
Book [1783] *Fundamenta botanica praelectionibus publicis accomodata* San Salvatore, Pavia; 174p w 10 copper engraved plates; (desc Aloe perfoliata, Portulaca oleracea, Euphorbia officinalis & Sempervivum tectorum w illustration of Opuntia);
desc *species*:
(Euphorbia) **fimbriata** (Eastern Cape) 1788 (disc ≈1703).

† **Scott**, Benjamin Charles George (1847–19 Dec 1929); British consul general secretary in Tientsin, China 1897–99; collected in China 1860–90; spouse Ada Elizabeth [née Tickell] Scott (6 Jul 1855–);
disc *species*:
(Senecio) **scottii** (Socotra) 1880 (desc & nah by IB Balfour 1882) —> **Senecio longiflorus** ssp **scottii** by GD Rowley 1990.

†**Scott**, (Col) Charles Leslie (10 Apr 1913–22 Feb 2001); {C.L.Scott}; East London, Cape, RSA; police officer in Pretoria, RSA ≈1973; interested in *Haworthia* genus from 1945 & specialized in genus from 1960s w over 3,000 plants; explored in RSA; spouse Joey Scott;
Book [1985] *The Genus Haworthia (Liliaceae) — A Taxonomic Revision)* Johannesburg, RSA; Eng; 150p w 123 color photos;
disc *species*:
(Haworthia) **batteniae** (Cape) 1978 (desc by him 1979 & na A Batten);

desc *species*:
(Haworthia) **baylissii** (Eastern Cape) 1968 (na RDA Bayliss) —> **Haworthia angustifolia** var **baylissii** by MB Bayer 1999,
(Haworthia) **mcmurtryi** (Mpumlanga) 1984 (disc by D McMurtry & nah) —> **Haworthia koelmaniorum** var **mcmurtryi** by MB Bayer 1999,
(Haworthia) **pehlemanniae** (Western Cape) 1982 (disc by (Mrs) Pehlemann 1981 & nah) —> **Haworthia nortieri** var **pehlemanniae** by MB Bayer 1999,
(Haworthia) **pringlei** (Eastern Cape) 1994 (disc by VL Pringle 1973 & nah) —> **Haworthia decipiens** var **pringlei** by MB Bayer 1999,
(Haworthia) **reddii** (Eastern Cape) 1994 (disc by VB Reddi & nah) —> **Haworthia cymbiformis** var **reddii** by MB Bayer 1999,
(Haworthia) **springbokvlakensis** (Eastern Cape) 1970,
(Haworthia) **venusta** (Eastern Cape) 1996 (na GV Britten) —> **Haworthia cooperi** var **venusta** by MB Bayer 1999;
desc *variety*:
(Haworthia sordida var) **lavrani** (Cape) 1981 (na JJ Lavranos).

Scott, Nancy; US; BS in agricultural biology at Calif State Polytechnic Univ, Pomona, Calif; plant propagator at Huntington Bot Gardens, San Marino, Calif;
Book [1995] *Dry Climate Gardening w Succ* [w JP Folsom, D Folsom, JN Trager, & JR Clements] NY; 224p w 356 color photos by JN Trager.

Scott, (Dr) Peter Evans (6 Jul 1951–); US zoologist;
PhD at Louisiana State Univ, Baton rouge 1989; prof of life sciences at Indiana State Univ, Terre Haute 1998~; spouse Diana Katharine [née Hews] Scott (25 Jul 1957–10 Apr 1983);
Book [1989] *Ecological Consequences of Variation in Pollinator Availability (Ocotillo, Carpenter Bees, & Hummingbirds in two Deserts)*; 144p; (PhD thesis).

Scott, Robert; US in Calif; explored in Barbados, Baja Calif, Ecuador, Galapagos Islands & Hawaii;
Book [2013] *The Genus Fouquieria*; Eng; 60p.

†**Scott**, Stanley H (–1967); Eng amateur horticulturist w interest in succ & alpines; NCSS Fellow 1956;
Book [1955] *An Intro to C&OS Plants* [w H Roan] Nottingham, Eng; Eng; 40p,
[1958] *The Observer's Book of C&OS* London, Eng; Eng; 159p w 18 color photos; (rev 1981 of 185p w 70 color photos),
[1960] *A Guide to C&S Plants* [w S Parkinson]; Eng; 38p,
[1965] *Taschenfuhrer Kakteen* Hannover, Ger; Ger; 190p.

†**Scott-Elliot**, George Francis (6 Jan 1862–20 Jun 1934); {Scott-Ell.}; British botanist; MA at Univ of Cambridge; collected in Canary Islands 1887, RSA 1888, Mozambique & Mada 1888–90, Mauritius, Egypt 1891, Sierra Leone 1891–92 & British

East Africa 1893–94; lecturer in botany at Royal Technical College, Glasgow, Scotland, & prof of botany at Glasgow Veterinary College 1896–1904; collected in Argentina & Chile 1904; FLS 1890; spouse Annie [née Johnston Stewart] Scott-Elliot;

species **nah:**

(Euphorbia) **elliotii** (Mada) (desc & nah by JD Leandri 1945),

(Schizoglossum) **elliotii** (Ethiopia, Uganda, Rwanda, Burundi, Tanzania, Zaire, Zambia, Zimbabwe) (desc & nah by FRR Schlechter 1895) —> **Aspidoglossum elliotii** by FK Kupicha 1984;

disc *species*:

(Euphorbia) **petricola** (Kenya) 1893 (desc by S Carter & PRO Bally 1982);

desc *species*:

(Aloe) **bakeri** (Mada) 1891 (disc by him & possibly na J Baker),
(Basella) **excavata** (Mada) 1891,
(Kalanchoe) **bracteata** (Mada) 1891 (disc by him),
(Pelargonium) **barklyi** (Northern Cape) 1891 (na H Barkly),
(Raphionacme) **brownii** (Africa) 1895 (na NE Brown),
(Senecio) **antandroi** (Mada) 1891,
(Talinella) **dauphinensis** (Mada) 1891.

†**Scripps**, Edward Willis [**EW**] (18 Jun 1854–12 Mar 1926); US newspaper publisher; founded Scripps Institute of Oceanography, Univ of Calif;

species **nah:**

(Neomammillaria) **scrippsiana** (Jalisco) (disc by JN Rose 1903 & desc & nah by NL Britton & JN Rose 1923) —> **Mamm crippsiana** by CR Orcutt 1926.

S.D., — See **Salm-Dyck**, JMF.

Seabrook, Peter;

Book [1974] *Plants For Your Home* Floraisse, France; 144p w 260 color illustrations; (23p on c&s by TC Rochford).

†**Seaton**, Henry Eliason (15 Apr 1869–30 Apr 1893); {Seat.}; US; graduated at Wabash College, Crawfordsville, Indiana 1890; assistant curator to curator BL Robinson at Gray Herbarium, Cambridge, Massachusetts 1892~; collected in s Mex 1891;

desc *species*:

(Cotyledon) **subrigida** [w BL Robinson] (state of Mex, Hidalgo, San Luis Potosi, Guanajuato, Queretaro) 1893 —> **Echeveria subrigida** by JN Rose 1903.

Sebsebe, [Sebsebe Demissew,] (Prof) (Dr) * (1953–); {Sebsebe}; Ethiopian botanist; MSc at Addis Ababa Univ 1980; PhD in taxonomy at Uppsala Univ, Sweden 1985; prof of botany at Addis Ababa Univ & keeper of natl herbarium; leader of Ethiopian Flora Project;

(*no forename)

Book [2003] *Flowers of Ethiopia & Eritrea. Aloes & Other Lilies* [w I Nordal & OE Stabbeltorp] Addis Ababa; Eng; 227p,

[2010] *Aloes & other Lilies of Ethiopia & Eritrea* [w I Nordal] Addis Ababa; Eng; 358p;

***species* nah:**

(Euphorbia) **sebsebei** (Ethiopia, Kenya) (desc by MG Gilbert 1993);

desc *species*:

(Aloe) **bertemariae** [w M Dioli] (Ethiopia) 2000 (na Berte Marie Ulvester),
(Aloe) **ankoberensis** [w MG Gilbert] (Mada) 2000,
(Aloe) **eumassawana** [w S Carter & MG Gilbert] (Eritrea) 1996 (disc 1972),
(Aloe) **friisii** [w MG Gilbert] (Ethiopia) 2000 (na I Friis),
(Aloe) **gilbertii** [w PE Brandham] (Ethiopia) 1992 (na MG Gilbert),
(Aloe) **kefaensis** [w MG Gilbert] (Ethiopia) 1997,
(Aloe) **parvidens** [w MG Gilbert] (Ethiopia, Kenya, Tanzania, Somalia) 1992,
(Aloe) **pulcherrima** [w MG Gilbert] (Ethiopia) 1997,
(Aloe) **rugosifolia** [w MG Gilbert] (Ethiopia, Kenya) 1992,
(Aloe) **tewoldei** [w MG Gilbert] (Ethiopia) 1997 (disc by Tewolde-Berhan Gebre-Egziabher & nah);

desc *subsp*:

(Aloe gilbertii ssp) **megalacanthoides** [w MG Gilbert] (Ethiopia) 1997,
(Aloe megalacantha ssp) **alticola** [w MG Gilbert] (Ethiopia) 1997,
(Aloe trichosantha ssp) **longiflora** [w MG Gilbert] (Ethiopia) 1997.

Seda, [Šeda,] (Dr med) Václav (1951–); {Seda}; Czech physician; explored in Bolivia & Chile;

desc *species*:

(Rebutia) **odehnalii** [w JJ Halda &V Sorma] (Bolivia) 2002 (disc by JJ Halda, J Odehnal & V Seda & na J Odehnal).

Sedeh, C;

Book [1970] *Kaktusy* [w C Tirduev & B Erehman]; Russian; 296p.

†**Sedgwick**, Leonard John (27 Apr 1883–27 Jun 1925); {Sedgw.}; British botanist; BA at Cambridge Univ 1905; to India civil service 1907~; collected in India 1907~;

desc *species*:

(Boucerosia) **truncato-coronata** (India) 1921 (disc by him 1919) —> **Caralluma truncato-coronata** by FH Gravely & PV Mayuranathan 1931,
(Ceropegia) **fantastica** (India) 1921.

Sedivy, [Šedivý,] Vladislav; Czech Rep;

Book [1993] *Jména Kaktusu A.V.Fric, Aztekia* [w J Zazvorka] Prague, Czech Rep; Czech w Eng summary; 98p,

[2002] *Kaktusy Special 2 on Ariocarpus* [w L Kunte] Czech Rep; Eng; 31p w 76 color photos; (translation to Eng by Petr Kovacs).

Sedych, RW; Russian;
Book 1974] *Kaktusy* [w SJ Turdiev & WT Erichman] Alma-Ata, Russia; Russian; 272p.

†**Seelemann**, (Dr med) Monsieur (fl. 1916); French physician;
friend of Raymond-Hamet;
***species* nah:**
(Sedum) **seelemannii** (India) (desc & nah by Raymond-Hamet 1916).

Seely, (Dr)Mary; US biochemist, scientist & naturalist; PhD at Univ of Calif, Davis; to Namibia as assistant to (Dr) Charles Koch & later dir of Desert Ecological Research Unit at Gobabeb in 1970 for 28 yrs;
Book [1987] *The Namib: Natural History of an Ancient Desert* Winhoek, Namibia; Eng; 104p; (3rd edition in 2004 w 112p).

†**Seemann**, (Dr) Berthold Carl (25 Feb 1825–10 Oct 1871); {Seem.}; Ger botanist, naturalist & traveler; PhD at Univ of Gottingen, Ger 1853; naturalist w Captain Henry Kellett on HMS Herald ship around world 1847–51 where collected in Mex; editor of *Bonplanda* 1853–62; working for Kew, explored & pub catalogue of plants of the Fiji islands 1860–62; editor of *Journal of Botany*, British & Foreign 1863–71; explored in Venezuela 1864 & in Nicaragua & Guatemala 1866–67; dir of gold mine company in Nicaragua at time of death;
Book [1852–57] *The Botany of the Voyage of HMS Herald* London; in 10 parts; (Cacteae in parts 4 in Panama 1854 & 7,8,9 in Mex 1856);
disc *species*:
(Agave) **seemanniana** (Nicaragua, Guatemala) 1866 (desc & nah by GA von Jacobi 1868);
desc *species*:
(Hoya) **diptera** (Fiji) 1861,
(Portulaca) **lutea** (tropical Pacific Islands) 1865.

Segawa, Yataro;
Book [1963] *Saboten No Tsukurikata* = "How to Cultivate Cacti"; Japanese; 290p,
[1969] *Succ Plants For Hobby*; Japanese; 546p.

†**Segura**, José [Joseph] Carmen (1846–11 Nov 1906); Mex agronomist & agricultural engineer; worked for Mex government;
Book [1887] *El Maguey (Memoria Sobre el Cultivo y Benefico de Sus Productos)* Mex City; 220p; (1991 edition w 407p).

†**Seidl**, Jaromír; Czech Rep horticulturist;
Book [1924] *Kaktusy Sukkulenty a Jejich Pesteni* Praha; Czech; 164p; (in 5 Parts).

†**Seiner**, Franz (18 Mar 1874–1929); Austrian journalist & geographer;

explored & collected in central Namibia 1903–12;
***species* nah:**
(Jatropha) **seineri** (Angola, Namibia, Botswana, Zimbabwe) (desc & nah by FA Pax 1909).

†**Seitz**, Francisco [Francis] (1831–1909); {F.Seitz}; Czech Rep botanist;
graduate at Polytechnic Institute, Prague; first spouse Terézií [née Grandovou] Seitz;
second spouse Vilemínou [née Ottovou] Seitz;
Book [1870] *Catalogus Cactearum Culturum*; Czech; 15p;
transfer *species*:
"Cereus fendleri" (GT Engelmann 1849) —> **Echinocereus fendleri** 1870,
"Cereus stramineus" (GT Engelmann 1856) —> **Echinocereus stramineus** 1870,
"Echinocactus pulchellus" (CFP von Martius 1832) —> **Echinocereus pulchellus** 1870.

†**Seler**, **Georg** Eduard (5 Dec 1849–23 Nov 1922); Ger archaeologist & ethnologist in Berlin; collected w spouse in Guatemala & Chipas 1887–99, in Yucatan 1902–11 & in S Amer; spouse Caecilie [née Sachs] Seler-Sachs (1855–1933);
***species* nah:**
(Peperomia) **seleri** (Peru) (desc & nah by AC de Candolle 1920).

Selhorst, MB;
Book [1960] *Bloeiende succulenten in huis* [w P Daveke] Zutphen; 54p.

†**Sellow**, [né **Sello**, ≈1814] Friedrich (12 Mar 1789–Oct 1831); {Sellow}; Prussian (Ger) naturalist, hybridizer & gardener; student of KL von Willdenow; explored & collected in Brazil & Uruguay for bot garden at Berlin-Dahlem, Ger, 1814~;
***species* nah:**
(Gesneria) **sellowii** (Paraguay, Brazil, Argentina) (desc & nah by CFP von Martius 1829) —> **Sinningia sellowii** by HJ Wiehler 1978;
disc *species*:
(Echinocactus) **denudatus** (Brazil, Argentina) 1824 (desc by JHF Link & CF Otto 1828) —> **Gymnocalycium denudatum** by FL Mittler 1844.

†**Selsky**, Ilarion [Hilarion] Sergiewitsch [Ssergejewitsch] (fl. 1858); Russia; secretary of Siberian branch of Russian Geographical Soc in Irkutsk;
***species* nah:**
(Sedum) **selskianum** (Siberia, Manchuria, Japan) (desc & nah by RK Maack & EA von Regel 1861) —> **Phedimus selskianus** by H 't Hart 1995.

Semenov, Dimitri Valerianovich; Russuan biologist & cactus enthusiast;
Book [1999] *Kaktusy I Drugie Sukkulenty v Dome I v Sadu* Moscow; Russian;
255p w 99 color photos; (amateur grower's handbook),
[2001] *Vash Liubimy Kaktus* Moscow; Russian; 175p w 198 color photos;
(amateur grower's handbook),

[2001] *Rebutsii* Moscow; Russian; 63p w 30 color photos,
[2002] *Mammillarii* Moscow; Russian; 63p w 35 color photos,
[2002] *Echinocereusy* Moscow; Russian; 63p w 33 color photos.

†**Semenov**, [Semenov-Tian-Shanskii, Semenow,] Peter [Petr] Petrovich (2 Jan 1827–26 Feb 1914); Russian geographer, statistician & statesman; graduate at St Petersburg Univ 1848; awarded family name Tian-Shanskii 1906 due to exploration of Tian [Tien] Shan Mtn Range located between Russia & China 1856–57;
member of Russian Geographical Soc 1849~ & secretary & VP;
pres of Russian Entomological Soc 1890~; explored in central Asia;
***species* nah:**
(Umbilicus) **semenovii** (Kazakhstan, China) (desc & nah by EA von Regel & FGT von Herder 1866) —> **Rhodiola semenovii** by AG Borissova 1939.

Semir, João (1937–); {Semir};
transfer *species*:
"Chorisia insignis" (CS Kunth 1822) —> **Ceiba insignis** [w PE Gibbs] 1988.

Seneta, (Dr) Wlodzimierz;
Book [1957] *Kaktusy* Warsaw, Poland; Polish; 168p,
[1969] *Kaktusy I Inne Sukulenty* Warsaw; Polish; 352p.

Sengo, Zenaida;
Book [2014] *Air Plants, The Curious World of Tillandsias*; Eng; 224p w 195 color photos.

†**Sennen**, (frère) (13 Jul 1861–16 Jan 1937); {Sennen}; [original name Étienne Marcellin Granier-Blanc,]; French botanist & clergyman; collected in Morocco;
desc *species*:
(Sedum) **maireanum** (Portugal, Spain, Morocco) 1833 (na RCJ Maire).

†**Senni**, Lorenzo (1879–1954); {Senni}; Italian forester & botanist; explored in Eritrea 1905–07, 1929 & 1937 & in Somalia 1937; bot surveyor of Italian Somaliland;
disc *species*:
(Caralluma) **mogadoxensis** (Italian Somaliland) 1929 (desc by E Chiovenda 1932).

Septien, Carmen Valles — See **Valles Septien**, Carmen.

†**Seret**, Félix Antoine Joseph Emile (20 Nov 1875–15 Dec 1910); Belgian forestry officer in Democratic Rep of Congo & collected there 1905–09;
***species* nah:**
(Aloe) **seretii** (Zaire) (desc & nah by EAJ de Wildeman 1921 & disc by J Bequaert 1914),
(Euphorbia) **seretii** (Zaire) (desc & nah by EAJ de Wildeman 1908).

†**Sesse**, [Sesse y Lacasta, Sessé y Lacasta,] (Dr med) Martin de (1751–4 Oct 1808); {Sessé}; Spanish physician & botanist; to Mex 1785; dir of royal bot garden in Mex 1787; led expeditions in Mex 1789–93 & in Cuba & Puerto Rico 1795–98 (w J Mociño & A Echeverria) w over 2,000 sketches & paintings w herbarium specimens, including 25 cacti; returned to Spain 1803;
disc *genus*:
Echeveria (Mex, Central Amer, S Amer) 1790s (desc by AP de Candolle 1827 & na A Echeverria);
desc *species*:
(Sesuvium) **uvifolium** [w JM Mocino] (Mex) 1874.

†**Setchell**, (Prof) (Dr) Wm Albert (15 Apr 1864–5 Apr 1943); {Setch.}; US botanist & algologist, plant geographer & bot historian; PhD in biology at Harvard Univ 1890; prof of botany at Univ of Calif, Berkeley 1895~; collected in US, Canada, Australia, New Zealand & Indonesia; spouse Clara B [née Caldwell] Setchell (–1934);
***variety* nah:**
(Cotyledon laxa var) **setchellii** (Calif) (desc & nah by WL Jepson 1901) —> **Dudleya saxosa** by NL Britton & JN Rose 1903.

†**Seubert**, (Prof) (Dr) Moritz August (2 Jun 1818–8 Apr 1878); {Seub.}; Ger botanist; PhD at Univ of Bonn 1843; prof of botany & zoology at Univ of Karlsruhe 1846~;
desc *species*:
(Tradescantia) **glandulosa** (Brazil, Paraguay, Uruguay, Argentina) 1855 —> **Tripogandra glandulosa** by O Rohweder 1956.

†**Seyffert**, Willy;
Book [1935] *Kakteen, Stauden, Zimmerpflanzen* Berlin, Ger; 56p.

†**Seymour**, Frank Conkling (21 Jul 1895–15 Jan 1985); {F.Seym.}; US botanist; AB at Harvard Univ 1916: collected in Nicaragua; first spouse Marion Eunice [née Jones] Seymour (1896–1934); second spouse Irene Fleury [née Lerch] Seymour;
desc *forma*:
(Sedum telephium fa) **purpureum** 1969.

†**Seyrig**, André (5 Feb 1897–1 Mar 1945); French miner, colonist & amateur entomologist; to Mada 1928; inspecteur at Cie. Generale de Mada 1928–38; mica miner in Mada 1938~; collected in Mada;
***genus* nah:**
Seyrigia (Mada) (desc & nah by M Keraudren 1960).

†**Shafer**, (Dr hc) John Adolph [Adolf] (23 Feb 1863–1 Feb 1918); {Shafer}; US pharmacist & field botanist; honorary PhD of pharmacy at Western Pennsylvania Univ 1895; botany custodian at Carnegie Museum 1897–1904 & museum custodian at NY Bot

Gardens 1904–10; collected cacti for NL Britton & JN Rose in Cuba 1903 & 1909–12, in West Indies 1907 & 1913–14 & in Argentina & Paraguay 1916–17; first spouse Martha [née Tischer] Shafer (–1896); second spouse Mina [née Tischer, sister] Shafer;
***species* nah:**
(Agave) **shaferi** (Cuba) (desc & nah by W Trealease 1913);
disc *species*:
(Coryphantha) **cubensis** (Cuba) 1909 (desc by NL Britton & JN Rose 1912 —> **Escobaria cubensis** by DR Hunt 1978),
(Echinopsis) **rowleyi** (Catamarca) 1916 (desc by HC Friedrich 1974 & na GD Rowley),
(Leptocereus) **sylvestris** [w NL Britton & JF Cowell] (Cuba) 1912 (desc by NL Britton & JN Rose 1920),
(Lobivia) **shaferi** (Catamarca) 1916 (desc & nah by NL Britton & JN Rose 1922) —> **Echinopsis aurea** ssp **shaferi** by M Lowry 2005,
(Opuntia) **boldinghii** [w NL Britton] (Netherlands Antilles, Trinidad, Tobago, Venezuela) 1913 (desc by NL Britton & JN Rose 1919 & na I Boldingh),
(Opuntia) **shaferi** (Argentina) 1917 (desc & nah by NL Britton & JN Rose 1919) —> **Austrocylindropuntia shaferi** by C Backeberg 1951,
(Rhipsalis) **shaferi** (Paraguay, Argentina, Bolivia, Brazil) 1917 (desc & nah by NL Britton & JN Rose 1923) —> **Rhipsalis baccifera** ssp **shaferi** by WA Barthlott & NP Taylor 1995;
desc *species*:
(Yucca) **torreyi** (Texas, Chihuahua, Coahuila, Nuevo Leon, Tamaulipas, Durango) 1908 (na J Torrey).

Shah, Tahir;
Book[1994] *Journey through Namibia* [w Mohaed Armin & D Willetts] Nairobi, Kenya; Eng; 192p w color photos.

Shaho, Hani;
Book [1975] *Wonderful Cacti*; Japanese; 53p.

†**Shand**, John; magistrate in Ladismith, Western Cape, RSA;
***species* nah:**
(Gibbaeum) **shandii** (Western Cape) (desc & nah by NE Brown 1922).

†**Shantz**, (Prof) (Dr) Homer LeRoy (24 Jan 1876–23 Jun 1958); {Shantz}; US plant physiologist, agronomist, soil technologist & ecologist; PhD at Nebraska Univ 1905; botany prof at various US Univ; explored, photographed & collected in Africa from Cairo to Cape 1919–20, 1924 & 1958;
Book[1937] *The Saguaro Forest*; Eng; 17p; (from Nat'l Geographic Magazine).

Sharma, Gopal Krishan; India;
Book [1967] *Cuticular Variation in Kalanchoe & Datura* Columbia; 161p; (thesis).

Sharon, (Dr) Douglas; US anthropologist & ethnographer; PhD in anthropology at Univ of Calif, Berkeley; dir at San Diego Museum of Man, Balboa Park 1982–2003; dir at Phoebe Hearst Museum of Anthropology, Univ of Calif, Berkeley 2003~;
expert on hallucinogenic effects of San Pedro cactus (Trichocereus pachanoi) in Peru;
Book [1972} *The San Pedro Cacti in Peruvian Folk Healing* [w PT Furst] NYC; Eng; 21p.

Sharp, Peter Robert (27 Dec 1937–); Eng to US 1965; warehouse manager & succ enthusiast; founding member of Mammillaria Soc 1960; VP of San Gabriel C&SS 1972–73 & 1982–84; explored in sw US & Mex;
disc *variety*:
(Echinocereus pulchellus var) **sharpii** (Nuevo Leon) 1971 (desc & nah by NP Taylor 1989) —> **Echinocereus pulchellus** ssp **sharpii** by NP Taylor 1997.

†**Sharpe**, Henry Barton; British agriculturist; gardener at Kew; to Kenya as government plant import inspector 1913, & later district commissioner in n Kenya; awarded CBE 1955;
disc *species*:
(Echidnopsis) **sharpei** (Ethiopia, Somalia, Kenya) 1937 (desc & nah by AC White & BL Sloane 1939).

†**Sharsmith**, [née Myers] (Dr) Helen Katherine (26 Aug 1905–10 Nov 1982); {H.Sharsm.}; US biologist & high school & junior college teacher;
PhD at Univ of Calif, Berkeley 1940; biologist at Carnegie Institution of Wahington;
botanist at Univ of Calif, Berkeley 1950~; spouse (Dr) Carl Sharsmith;
desc *species*:
(Sedella) **leiocarpa** (n Calif) 1940,
(Sedella) **pentandra** (n & central Calif) 1936.

†**Shaw**, Henry (24 Jul 1800–25 Aug 1889); Eng to US 1819; wealthy hardware merchant & benefactor in St Louis, Missouri; founded Missouri Bot Garden (Shaw Gardens) in St Louis 1858 & library & herbarium 1859; friend of GT Engelmann; student of botany & arboriculture; founded Henry Shaw School of Botany at Washington Univ, St Louis 1885 setting up GT Engelmann Professorship of Botany Chair;
***species* nah:**
(Agave) **shawii** (Calif, Baja Calif) (desc & nah by GT Engelmann 1875).

†**Sheldon**, Charles (17 Oct 1867–21 Sep 1928); US naturalist, conservationist & photographer; MA at Yale Univ 1920; owner of silver mine in Chihuahua;
***species* nah:**
(Neomammillaria) **sheldonii** (Sonora) (desc & nah by NL Britton & JN Rose 1923 & disc by JN Rose, PG Russell & PC Standley 1910) —> **Mamm grahamii** ssp **sheldonii** by DR Hunt 2005.

Shelton, (Dr) Napier (c1931–); US ecologist & naturalist; PhD in geography at

Univ of Michigan; technical writer for US Nat'l Park Service ≈1994;
Book [1985] *Saguaro Natl Monument* DC; Eng; 98p w 53 color illustrations; (rev edition of 1972 book by Natt Dodge).

Sheng, Xu-Min; China; assistant prof & dir of Beijing Bot Garden, Institute of Botany, Acacemia Sinica; vice secretary-general of Beijing Soc of Landscape Architacture;
Book [1980] *The Cultivation of Cacti.*

†**Shepherd**, John (1764–1836); British gardener; first curator of Liverpool Botanic Garden, Eng 1803–c33, founded in 1802 by Wm Roscoe (1753–1831);
Book [1808] *Catalogue of Liverpool Bot Garden* Liverpool, Eng; Eng;
species **nah:**
(Hoya) **shepherdii** (India, China) (desc & nah by WJ Hooker 1861).

†**Sherriff**, George (1898–19 Sep 1967); British military in India1919–49; vice-consul 1927–30 & consul-general 1930–31 in Kashgar; explored & collected, at various times w F Ludlow, in Tibet & Bhutan 1933–50; back to Eng 1950; horticultural Victoria Medal of Honor 1953; s[spouse Elizabeth [Betty] [née Hannah] Sherriff;
species **nah:**
(Rhodiola) **sherriffii** (Sikkim, Bhutan, Tibet) (desc & nah by H Ohba 1978).

Shevock, James R (1950–); {Shevock};
desc *species*:
(Dudleya) **calcicola** [w JA Bartel] (Calif) 1983;
desc *subsp*:
(Dudleya cymosa ssp) **costafolia** [w JA Bartel] (Calif) 1990.

†**Shewell-Cooper**, **Wilfred** Edward (1900–1982); British organic gardener, horticultural lecturer & journalist; principal of Horticultural Training Centre, Thaxted; FLS & FRS; spouse Irene Shewell-Cooper;
Book [1957] *The ABC of C&S* London, Eng ; Eng; 200p w 4 color photos,
[1973] *Cacti as House Plants: Flowers in the Desert of your Home* [w TC Rochford] London; Eng; 152p w 32 color illustrations.

Shi, YL (fl. 1990); {Y.L.Shi};
desc *species*:
(Sedum) **dongzhiense** [w DQ Wang] (China) 1990.

Shillabeer, Ian R; Australian horticulturist; earned certificate in horticulture at Adelaide Bot Garden; first vice-pres of S Australia C&SS & editor of journal;
Book [1969] *Cultivating Cacti* Adelaide, Australia; Eng;
64p w 15 color illustrations (mini gardening books).

Shimada, Yasuhiko (1928–); Japanese horticulturist;
Book [2001] *The Genus Lithops*; Japanese; 225p w 434 color photos.

†**Shinners**, (Prof) (Dr) Lloyd Herbert (22 Sep 1918–16 Feb 1971); {Shinners}; US botanist; PhD at Wisconsin Univ 1943; dir of herbarium & prof at Southern Methodist Univ, Dallas, Texas 1960~; specialized on N Amer Compositae;
desc *species*:
(Agave) **lata** (Texas, Oklahoma) 1951 —> **Agave virginica** ssp **lata** by J Thiede & UVEggli 2001,
(Yucca) **necopina** (Texas) 1958 (disc by him).

Shires, LB; US; at Agricultural Experiment Station, New Mex State Univ, Las Cruces;
Book [1943] *Fiber of native plants in New Mex* [w CW Botkin & EC Smith] Las Cruces, New Mex; Eng; 38p w 12 plates; (*Yucca & Nolina*),
[1944] *Tensile Strength of Yucca Fibres* [w CW Botkin] Las Cruses, New Mex; Eng; 30p w 5 plates.

Shirobokova, DN; Russian at Academician Roman Bot Garden in Kiev;
Book [1982] *Kaktusy* [w MR Koroleva & ON Golodnyak] Kiev, Ukraine; Russian; 184p w 409 color photos.

†**Shoesmith**, HW; farmer near Mortimer, RSA;
Euphorbia polycephala disc on him farm;
disc *species*:
(Euphorbia) **polycephala** (Eastern Cape) (desc by HWR Marloth 1931).

†**Shreve**, (Dr) **Forrest** (8 Jul 1878–19 Jul 1951); {Shreve}; US desert ecologist, botanist & cactologist; PhD at John Hopkins Univ, Baltimore, Maryland 1905; dir & ecologist at Carnegie Desert Bot Laboratory in Tucson Mountains, Pima County, Arizona 1909–47; specialized in flora of Sonoran Desert; explorer & writer;
CSSA Fellow award 1941; spouse Edith [née Bellamy] Shreve (7 Nov 1878–1956);
Book [1915] *The Vegetation of a Desert Mtn Range as Conditioned by Climatic Factors* Washington DC; Eng; 112p,
[1931] *The Cactus & Its Home* Baltimore, Maryland; Eng; 195p,
[1936] *The Plant Life of the Sonoran Desert*; Eng; 19p,
[1951–64] *The Vegetation & Flora of the Sonoran Desert* [w IL Wiggins] Palo Alto, Calif ; Eng; (in 2 Vols);
[1951] Vol 1, 840p;
[1964] Vol 2, 900p);
***species* nah:**
(Agave) **shrevei** (Chihuahua, Sonora) (desc & nah by HS Gentry 1942),
(Fouquieria) **shrevei** (Coahuila) (desc & nah by IM Johnston 1939).

†**Shurly**, **Ernest** Wm (17 Aug 1888–11 Nov 1963); {Shurly}; British advertising sign businessman; cactus researcher specializing in Mamm genus; a founding member of CSSGB 1931, journal editor 1946~ & pres 1956~; CSSA Fellow award 1944; worked w RT Craig on his 1945 *Mamm* book; joint editor w PG Jordaan of GC Nel's 1953 *The Gibbaeum Handbook* book; editor of MHG Schwantes' 1954 *The Cultivation of the Mesembs* book; FLS 1955; pres of Mamm Soc 1962~; wrote articles for British & CSSA C&S journals; spouse Dora Florence Shurly (1891–7 Mar 1978);
Book [1952] *A List of Specific Names & Synonyms of Mammillarias (Published up to the end of the year 1940)* Brighton, Eng; Eng; 94p; (+ *A Supplementary List…..(1940–52) of 7p)*,
[1955] *How to Grow C&S* Elstree, Eng; Eng; 44p; (in 10 editions to 1965),
[1955] *It's Fun Growing Cacti* London, Eng; Eng; 16p,
[1959] *Cacti* London; Eng; 160p w 15 color graphic plates,
[1989] *An Abridgment of the Monograph on Mammillarias*; Eng+; 592p; (3 Vols);
(mimeographed copies throughout);
desc *species*:
(Mamm) **mollendorffiana** (Hidalgo) 1948 (disc by F Schwarz 1937 & na H Mollendorff) —> **Mamm rhodantha** ssp **mollendorffiana** by DR Hunt 1997,
(Mamm) **schwarzii** (Guanajuato) 1949 (disc by F Schwarz & nah),
(Mamm) **zacatecasensis** (Zacatecas) 1960 —> **Mamm jaliscana** ssp **zacatecasensis** by DR Hunt 1997,
(Strombocactus) **schwarzii** (San Luis Potosi) 1948 (na F Schwarz) —> **Turbinicarpus schmiedickeanus** ssp **schwarzii** by NP Taylor 1998.

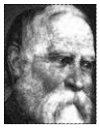
Shurobokova, PN;
Book [1976] *Kaktusy* [w H Zunoveva]; Russian; 45p.

Sibbett, Cecil James (16 Mar 1881–23 Nov 1967); Ireland to Cape Town, RSA 1897; administrator & naturalist; chairman of Bot Soc of RSA;
***species* nah:**
(Mesemb) **sibbettii** (Great Karoo) (desc & nah by HML Bolus 1931 & disc by M Henrici 1930) —> **Neohenricia sibbettii** by HML Bolus 1938.

Sibthorp, (Prof) (Dr med) John (28 Oct 1758–8 Feb 1796); {Sibth.}; British physician & botanist; MD at Oxford Univ 1777 & prof of botany 1784~; studied botany under AL de Jussieu at Paris & PMA Broussonet at Montpellier, France; collected in Greece 1786–87 & in Cyprus & Asia Minor 1794–95;
desc *species*:
(Sedum) **eriocarpum** [w JE Smith] (Greece) 1809,
(Sedum) **tenuifolium** [w JE Smith] (Italy, Sicily, Macedonia, Albania, Bulgaria, Greece, Crete, Turkey) 1809 —> **Sedum amplexicaule** ssp **tenuifolium** by WR Greuter & HM Burdet 1981.

Sida, Otakar; Czech Reg amateur cactus grower; editor of journal *Minimus*;
Book [1997] *Rod Rebutia* Brno, Czech Rep; Czech; 112p w 10 color photos.

Sieber, Franz [**Franze**] Wilhelm (30 Mar 1789–17 Dec 1844); Austrian botanist; traveled around world 1822–25; collected in Australia 1823 & w CLP Zeyher in Mauritius 1922–23;
***species* nah:**
(Tillaea) **sieberiana** (Australia, Tasmania, New S Wales Lord Howe Island, New Zealand) (desc & nah by JA Schultes 1827) —> **Crassula sieberiana** by GC Druce 1917;
disc *variety*:
(Rhipsalis cassytha var) **mauritiana** (tropical Africa, Mada, Comores, Mauritius, Seychelles, Sri Lanka) (desc by AP de Candolle 1828) —> **Rhipsalis baccifera** ssp **maurtiiana** by WA Barthlott 1987.



Siebold, (Dr med) **Philipp** Franz Balthasar von (17 Feb 1796–18 Oct 1866); {Siebold}; Ger physician, natural scientist, botanist & orientalist; MD at Würzburg Univ 1820; ship's physician to Dutch East Indies 1823; to Japanese island Dejima 1823–29 as physician & scientist; wrote numerous books on flora of Japan; collected in Japan & Indonesia 1823–30 & 1859–62; significant other Kusumoto Taki in Japan;
***species* nah:**
(Sedum) **sieboldii** (Japan's Shodo Island) (desc & nah by WJ Hooker 1863) —> **Hylotelephium sieboldii** by H Ohba 1977.

Sierer, David (1951–); Westby, Wisconsin; wildlife wood carver; grower of winter hardy cacti;
Book [1999] *Where The Hardy Cactus Grow* Sidney, British Columbia, Canada; Eng; 60p w 4 color photos.

Sierra, [Sierra Pichardo,] Marcos (1981–); Mex horticulturist; works at CANTE Bot Garden, Mex;
disc *species*:
(Graptopetalum) **mendozae** [w M Mendoza] (Veracruz) 1992 (desc by CE Glass & M Chazaro 1997 & na M Mendoza),
(Mamm) **marcosii** (Guanajuato) 1995 at age 16 (desc by WA & EA Fitz Maurice & CE Glass 1997).

†**Sigel**, Carlos; Argentina at Capilla del Monte, Cordoba;
disc *species*:
(Echinocactus) **capillensis** (Cordoba) (desc by C Schick 1923) —> **Gymnocalycium capillaense** by CC Hosseus 1926.

†**Siler**, [né Syler,] Andrew Lafayette (4 Dec 1824–19 May 1898); US Mormon missionary, lawyer & botanist; Kanab, Utah rancher; explored & collected in Utah & the steep slopes of the

Grand Canyon in Arizona; sent collected cacti to GT Engelmann; first spouse Ruth Ann [née van Valkenburgh] Siler; second spouse Ruvinia [Ruvina] Jan [née Mount] Siler.
disc *species*:
(Echinocactus) **sileri** (Arizona) 1883 (desc & nah by JM Coulter 1896) —> **Pediocactus sileri** by LD Benson 1961;
disc *variety*:
(Echinocactus polycephalus var) **xeranthemoides** (Arizona, Nevada, Utah) 1881 (desc by JM Coulter 1896) —> **Echinocactus polycephalus** ssp **xeranthemoides** by NP Taylor 1998.

†**Siler**, (Major) Arnold Miller (31 Jul 1889–7 Oct 1971); Corpus Christi, Texas; in US Army during WWI; collected in Texas;
disc *species*:
(Manfreda) **sileri** (Tamaulipas, Texas) (desc & nah by SE Verhoek-Williams 1978) —> **Agave sileri** by J Thiede & U Eggli 1999.

†**Silva Rondon**, Cândido Mariano da (5 May 1865–19 Jan 1958); Brazilian military officer; BS in physical & natural sciences 1890; founder & first dir of *Indian Protection Service* for indigenous peoples in rain forests of NW Brazil 1910; explored in Mato Grosso & western Amazon Basin; Brazilian state of Rondonia nah; spouse Chiquinha Xavier;
***species* nah:**
(Arthrocereus) **rondonianus** (Minas Gerais) (desc & nah by C Backeberg & O Voll 1943).

Silver, Donald M;
Book [1997] *Cactus Desert (One Small Square)* [w illustrator Patricia J Wynne); 48p.
9

†**Silvestri**, (Dr) Philippo [Filippo] (22 Jun 1873–10 Jun 1949); {F.Silvestri}; Italian entomologist & botanist; worked at dept of zoology & museum, Buenos Aires 1898–99; dir of zoological station, Portici, Italy 1904–48; friend of CL Spegazzini;
***species* nah:**
(Echinopsis) **silvestrii** (Argentina) (desc & nah by CL Spegazzini 1905).

†**Sim**, (Dr hc) Thomas Robertson (25 Jun 1858–23 Jul 1938); {Sim}; Scottish forest & fern botanist, bryologist & nurseryman; to RSA 1888; curator of King William's Town bot garden 1889–94; worked at Cape Forestry Dept 1894–1903 & became first conservator of forests for Natal 1903–07; had his own nursery and consulting business as an authority on forestry & ferns 1908~; honorary doctorate from Univ of S Africa 1919; specialized in forestry in RSA; FLS 1894;
***species* nah:**
(Aloe) **simii** (Mpumalanga) (desc & nah by IB Pole-Evans 1917);
disc *species*:
(Ceropegia) **crassifolia** (Kenya, Botswana, Zimbabwe, RSA, Swaziland, Namibia) 1893 (desc by H Schlechter 1895),

(Tapeinostelma) **caffrum** (Eastern Cape) 1893 (desc by FRR Schlechter 1893) —> **Brachystelma caffrum** by NE Brown 1894.

Simon, Bryan;
disc *species*:
(Euphorbia) **williamsonii** [w G Williamson] (Zambia) 1967 (desc & na G Williamson by LC Leach 1969).

†**Simon**, Charles;
Book [1889] *Catalogue de la Collection des Cactées, Euphorbia, Aloe, Agave et Plantes Grasses Diverses, Cultivee a L'Etablissement de Charles Simon* Paris, France; 22p.

†**Simon**, Wilhelm (8 Nov 1909–21 Jan 1989); Ger cactus hobbyist; pres of DKG 1952–55;
Book [1937] *Kakteenkunde*; 78p,
[1939] *Kakteen-Almanach derKakteenkunde* Neudam, Ger; Ger; 65p.

Simonis, JE (fl. 1981);
disc *species*:
(Rhipsalis) **olivifera** [w G Martinelli] (Rio de Janeiro, São Paulo) 1983 (desc by NP Taylor & DC Zappi 1997).

†**Simons**, FAA (fl. 1876–81); collected in Malawi 1876 & S Amer 1879–81;
disc *species*:
(Ceropegia) **paricyma** (Tanzania, Zambia, Zimbabwe, Mozambique, Malawi, Namibia) 1876 (desc by NE Brown 1898).

†**Simpson**, (Mr & Mrs) (fl. 1922); managers at railway station, Halenberg, Namibia;
***species* nah:**
(Mesemb) **simpsonii** (Great Namaq) (desc & nah by MK Dinter 1923) —> **Juttadinteria simpsonii** by MHG Schwantes 1926.

†**Simpson**, (Capt) James Hervey (9 Mar 1812–2 Mar 1883); US Army Corps of Topographical Engineers; explored immigrant route thru interior of Utah 1858–59; first spouse Jane [née Champlin] Simpson; second spouse Elizabeth [née Borup] Simpson;
Book [1876] *Report of Explorations across the Great Basin of the Territory of Utah for a Direct Wagon-Route from Camp Floyd to Genoa, in Carson Valley, in 1859* DC; Eng; 518p;
(includes report on botany of expedition by GT Engelmann w 8p on cacti);
disc *species*:
(Echinocactus) **simpsonii** (Colorado, Nevada, Utah, Montana, Idaho, Wyoming, South Dakota, Oregon, Washington, New Mexico, Arizona) 1859 (desc & nah by GT Engelmann 1863) —> **Pediocactus simpsonii** by NL Britton & JN Rose 1913.

Simpson, (Dr) PG; US; PhD at Univ of Calif, Santa Barbara 1975;

Book [1975] *Anatomy & Morphology of the Joshua Tree (Yucca brevifolia), & Arborescent Monocotyledon* Santa Barbara, Calif; 533p; (PhD thesis).

†**Sims**, (Dr med) John (13 Oct 1749–26 Feb 1831); {Sims}; Scottish physician, bot illustrator & botanist; MD at Edinburgh Univ 1774; became first editor after W Curtis of Curtis' Bot Magazine 1801–26; FLS 1788; FRS 1814;
desc *genus*:
Brachystelma (Africa, India, Sri Lanka, Myanmar, Malaysia, Papua New Guinea, Thailand, Philippines, Australia) 1822;
***species* nah:**
(Sempervivum) **simsii** (Canary Islands) (desc & nah by R Sweet 1818) —> **Aeonium simsii** by WT Stearn 1951,
(Tridentea) **simsii** (Cape) (desc & nah by AH Haworth 1812) —> **Stapelia vetula** var **simsii** by NE Brown 1909;
desc *species*:
(Fevillea) **pedata** (Mozambique, Tanzania) 1826 —> **Telfairia pedata** by WJ Hooker 1827,
(Pelargonium) **pulchellum** (Northerm Cape) 1801,
(Sansevieria) **longiflora** (Angola, Namibia, Zaire) 1826,
(Sempervivum) **smithii** (Canary Islands) 1818 (na C Smith) —> **Aeonium smithii** by PB Webb & S Berthelot 1840,
(Stapelia) **radiata** (Orange Free State) 1803 —> **Duvalia radiata** by AH Haworth 1812,
(Stapelia) **stricta** (Cape) 1819,
(Yucca) **stricta** (corner of Colorado, Kansas, New Mex & Oklahoma) 1821 (disc by Mr Lyon c1817) —> **Yucca glauca** var **stricta** by WA Trelease 1902;
transfer *species*:
"Dactylanthes globosa" (AH Haworth 1823) —> **Euphorbia globosa** 1826,
"Geranium incrassatum" (HC Andrews 1802) —> **Pelargonium incrassatum** 1804,
"Portulaca arachnoides" (AH Haworth 1803) —> **Anacampseros arachnoides** 1811,
"Portulaca filamentosa" (AH Haworth 1803) —> **Anacampseros filamentosa** 1811,
"Stapelia tuberosa" (N Meerburgh 1789) —> **Brachystelma tuberosum** 1822.

†**Sinclair**, (Dr med) Andrew (1796–25 Mar 1861); British physician; physician on voyage w HMS Sulfur 1836–42, collecting in Ecuador & Colombia w RB Hinds; colonial secretary in New Zealand 1844–56; collected in New Zealand;
***species* nah:**
(Tillaea) **sinclairii** (New Zealand) (desc & nah by JD Hooker 1864) —> **Crassula sinclairii** by AP Druce & DR Given 1984.

†**Sinclair**, William (Dec 1876–1957); Eng to US to Australia
Book [1928] *Prickly Pear as Stock Food & Some of its Other Uses* Toowoomba;
***species* nah:**
(Opuntia) **sinclairii** (desc & nah by D Griffiths 1910.

Sinev, Innokenty Evgenevich; Russian horticulturist; dir of Parkhai Bot Garden of succ; editor of *Kaktus-Klub* journal 1997~; publisher & editor of *Sukkulenty/Succ* 1998~;
Book [1993] *Kratkii Spravochnik Rodov Vodozapaschik Rastenii* = "mini-guide to xerophitic plant genera" Ashgabat, Turkmenistan; Russian; 200p w 566 sketches.

Singh, Dehra-Dun; India;
Book [1991] *Liliaceae-Asphodeloideae-Aloineae* India;
(reprint of HGA Engler's 1908 #IV 38 w 347p).

Singh, Meena (1942–); {M.Singh}; India schoolteacher & business executive; explored in India; specialized in Euphorbiaceae;
editor of Indian Soc of C&S; spouse Vinod Singh;
Book [1994] *Succ Euphorbiaceae of India*; New Delhi, India; 55p w 38 sketches,
[2002] *Succ Plants of India, An Intro* New Delhi; Eng; 72p;
species **nah:**
(Euphorbia) **meenae** (India) (desc & nah by S Carter 2000).

Singh, NB; {N.B.Singh};
desc *variety*:
(Rhodiola imbricata var) **lobulata** [w UC Bhattacharyya] (India, Nepal) 1985 —> **Rhodiola lobulata** by H Ohba 1986,
(Sinocrassula indica var) **paniculata** [w UC Bhattacharyya] (India) 1985.

†**Sinning**, Wilhelm (22 Mar 1792–1874); {Sinning}; Ger botanist & horticulturist; head gardener at Univ of Bonn Bot Garden c1818–46 & prof of botany 1847–57 & of horticulture 1852~; spouse Marie Elisabeth [née Koch[Sinning (25 Dec 1792–1870);
genus **nah:**
Sinningia (Mex to Argentina) (desc & nah by CGD Nees 1825).

†**Sipolis**, Abbé Michel Marie (fl. 1856); Brazilian; dir of seminary at Diamantina, Minas Gerais;
species **nah:**
(Euphorbia) **sipolisii** (Minas Gerais) (desc & nah by NE Brown 1893 & disc by AFM Glaziou c1892.

Siracusa, G (fl. 1993);
desc *species*:
(Crassula) **basaltica** [w S Brullo] (Sicily) 1994.

†**Siricius**, [Sirckes, Sierkes, Sierck] Johann; Denmark;
Book [1705] *Historische, Physische und Medicinische Beschreibung derer im Hoch-Fürstlichen Gottorpischen Prächtigen Garten, das Neue Werk Genent, Dreyer sehr rar Blühender Aloen* Schleswig; 64p; (Agave),

[1706] *Kurze Beantwortung derer von Dr. W.U.W., Prof. med. Sehr Ungereimten, Nichtswürdigen und Injurieusen Imputationen, Wider Seine Herausgegebene Beschreibung derer im Hochfl. Gottorpschen Garten Verwichenes Jahr 1705 Blühenden Aloen und dessen Person* Kiel; 68p; (Agave).

Sitton, SN;
Book [1972] *El Peyote y los Huicholes* Mex City; Mex; 196p.

Skalicka, Anna;
Book [1988] *Encyclopédie des Plantes D'intérieur* Paris, France; French; 350p.

†**Skinner**, **Don** B (12 May 1899–12 Dec 1975); US horticulturist Los Angeles City Schools, Calif; scholar of desert plants; founded Southwest Cactus Growers (Los Angeles C&SS) w spouse 1935; pres of Long Beach Cactus Club 2 yrs; CSSA Fellow award 1963 & pres 1964–67; spouse Murray Skinner (–22 Jan 1976);
***species* nah:**
(Echeveria) **skinneri** (Oaxaca) (desc & nah by EE Walther 1972 & disc by TB MacDougall 1959).

†**Skinner**, WJ (fl. 1900); British plant & book collector; founding member of National Cactus Soc 1895;
Book [1901] *Cactuses, How to Grow Them* Croydon, Eng; Eng; 8p (booklet),
[1902] *The Economic Properties of Agave americana* Croydon; Eng; 8p (pamphlet);
***species* nah:**
(Apicra) **skinneri** (RSA) (desc & nah by A Berger 1908).

Skog, (Dr) Laurence Edgar (9 Apr 1943–); {L.E.Skog}; US botanist; PhD in plant taxonomy at Cornell Univ, Ithaca, NY 1972; curator & research scientist in botany at Smithsonian Institution's Natl Museum of Natural History 1973–2003; interested in Gesneriaceae; spouse Judith E [née Troop] Skog;
transfer *species*:
"Orobanche fissa" (JM de C Vellozo 1829) —> **Nematanthus fissus** 1975.

†**Skottsberg**, (Dr) Carl Johan Fredrik (1 Dec 1880–14 Jun 1963); {Skottsb.}; Swedish botanist; PhD at Uppsala Univ 1907; collected in S Amer (s Chile & Patagonia) 1908; founded Bot Gardens at Göteborg 1915 & dir 1919–48; FRS 1950; Linnean Medal 1959;
desc *species*:
(Tillaea) **minutissima** (Patagonia) 1916 —> **Crassula minutissima** by M Bywater & GE Wickens 1984,
(Trichocereus) **skottsbergii** (Chile) 1950 (disc by him 1917 & nah by C Backeberg) —> **Echinopsis chiloensis** ssp **skottsbergii** by GJ Charles 2005.

Skousen, Max B;

Book [1977] *Quotations from Medical Journals on Aloe Research 1935–77* Cypress, Calif; Eng; 44p,

[1979] *The Aloe vera Handbook* Huntington Beach, Calif; Eng; 141p,

[1982] *The Ancient Egyptian Medicine Plant- Aloe vera-Handbook*; Eng; 20p.

Slaba, Rudolf (13 Apr 1950–); {Slaba}; Czech physical education & biology teacher; explored in Mex;

Book [1992] *The Illustrated Guide to Cacti*; NY;
224p w 193 color drawings,N

[1994] *Cactus* Paris, France; 224p;

***species* nah:**

(Parodia) **slabaiana** [w L Horacek] (Tarija) (desc & nah by JJ Halda & L Horacek 2000 & disc by JJ Halda & L Horacek 1998);

transfer *species*:

"Eomatucana oreodoxa" (F Ritter 1965) —> **Matucana oreodoxa** 1986.

†**Sladen**, Wm **Percy** (30 Jun 1849–11 Jun 1900); wealthy British naturalist & scholar; secretary of Linnean Soc 1885–95 & VP 1895; HHW Pearson headed the Percy Sladen Memorial expedition to Namaq & the Orange River in 1910; spouse Constance [née Anderson] Sladen;

***species* nah:**

(Aloe) **sladeniana** (Namibia) (desc & na the Percy Sladen Memorial Expedition of 1915–16 by IB Pole Evans 1920 & disc by HHW Pearson 1916 on that expedition),

(Crassula) **sladenii** (Namibia, Northern Cape) (desc & nah by S Schonland 1912),

(Mesemb) **sladenianum** (Namaq) (desc & nah by HML Bolus 1913) —> **Prenia sladiana** by HML Bolus 1929.

Sladkovsky, [Sladkovský,] Jaromír (1943–); Czech Rep horticulturist; degree in electro engineering at Czech Technical Univ 1966; explored in US 10 times, Mex 8, Argentina 3 & Bolivia and Chile 2;

desc *species*:

(Gymnocalycium) **miltii** [w P Kupcak, E Lukasik & JJ Halda] (San Luis) 2002 (disc by J Prochazka).

Slauson, (Dr) Elizabeth [**Liz**] (fl. 1995); {Slauson}; US botanist & systematist; PhD in botany at Arizona State Univ, Phoenix; dir of rare plant program, curator of plant collection & dir of research at Desert Bot Garden ≈2001; prof of botany at Scottsdale Community College, Arizona 2001~; interested in study of fire on century plants (Agaves);

desc *species*:

(Agave) **delamateri** [w W Hodgson] (Arizona) 1995 (disc by S McKelvey 1920s & na

R DeLamater).

†**Sleiter**, (Prof) Giancarlo (–2013); Italy; IOS member 1989;
Book [1990] *Piante Grasse (Come Coltivarle e Propagarle in Casa)* Rome, Italy; Italian; 88p + 16 color plates.

†**Sloane**, **Boyd** Lincoln (8 Oct 1885–22 Jan 1955); {B.Sloane}; US school teacher & principal in New Jersey 1904–23 & in Pasadena, Calif 1923~; interested in botany and succ 1923~; collector of stapelias & euphorbias that helped in his writings; became first secretary of CSSA in 1929; CSSA pres 1931–32; CSSA Fellow award 1941; Senior Capt. Scott Medal award by S African Biological Soc [w RA Dyer & AC White] 1942; spouse Emily Sloane;
Book [1933] *The Stapelieae (an Intro to the Study of This Tribe of Asclepiadaceae)* [w AC White] Pasadena, Calif; Eng; 205p,
[1937] *The Stapelieae (2nd edition)* [w AC White] Pasadena; Eng; 1,186p; (in 3 Vols),
[1939] *Succ for the Amateur* [w JR Brown, AC White & GW Reynolds & edited by SE Haselton] Pasadena; Eng; 172p,
[1941] *The Succ Euphorbieae (Southern Africa)* [w AC White & RA Dyer] Pasadena; Eng; Vol 1, 494p; Vol 2, 592p;
***genus* nah & AC White:**
White-sloanea (desc & nah & AC White by E Chiovenda 1937);
desc *genera* [w AC White]:
Drakebrockmania 1937 (na RE Drake-Brockman) (invalid genus name a/c already used for a species of grass by O Stapf 1912) (syn of genus White-sloanea CHIOVENDA),
Stapelianthus (Mada) 1933;
***species* nah:**
(Euphorbia) **sloanei** (Guerrero) (desc & nah by LC Wheeler 1939 & disc by E Palmer 1894),
(Huernia) **whitesloaneana** (Limpopo) (desc & nah & AC White by GC Nel 1936 & disc by GC Nel 1935);
desc *species* [w/o AC White]:
(Stapelia) **margarita** (RSA) 1933 (na Margaret W White);
desc *species* [w AC White]:
(Caralluma) **baldratii** (Ethiopia, Eritrea, Tanzania, Kenya) 1937 (disc by I Baldrati & nah) —> **Orbea baldratii** by PV Bruyns 2001,
(Caralluma) **langii** (Bechuanaland) 1933 (disc by G van Son 1930 & na H Lang) —> **Caralluma knobelii** var **langii** by AC White & BL Sloane 1937,
(Echidnopsis) **framesii** (Western Cape) 1937 (disc by PR Frames 1929 & nah),
(Echidnopsis) **sharpei** (Ethiopia, Somalia, Kenya) 1939 (disc by HB Sharpe 1937 & nah),
(Huernia) **albomaculata** 1937,
(Huernia) **herrei** (Little Namaq) (na AGJ Herre),
(Huernia) **transmutata** 1937,
(Piaranthus) **globosus** (Africa) 1937,
(Stapelia) **comparabilis** 1933,

(Stapelia) **neliana** (Little Namaq) 1937 (disc by AGJ Herre 1930 & na GC Nel),
(Stultitia) **conjuncta** (Limpopo) 1938 (disc by AH Crundall) —> **Orbeanthus conjunctus** by LC Leach 1978,
(Trichocaulon) **sociarum** 1937 —> **Larryleachia sociarum** by DCH Plowes 1996;

desc *species* [w AC White & RA Dyer]:
(Euphorbia) **barnardii** (Mpumalanga) 1941 (disc by WG Barnard 1935 & nah),
(Euphorbia) **bergii** (Free State, Northern Cape) 1941 (disc by HWR Marloth & na PJ Bergius),
(Euphorbia) **colliculina** (Western Cape) 1941 (disc by RA Dyer 1939),
(Euphorbia) **cylindrica** (Northern Cape) 1941 (disc by EB Watermeyer 1916),
(Euphorbia) **excelsa** (Mpumalanga) 1941 (disc by AOD Mogg 1928),
(Euphorbia) **fortuita** (Western Cape) 1941 (disc by RA Dyer 1939),
(Euphorbia) **herrei** (Namibia, Northern Cape) 1941 (disc by AGJ Herre 1930 & nah),
(Euphorbia) **multifolia** (Western Cape) 1941 (disc by H Herre & GG Smith),
(Euphorbia) **pentops** (Namaq) 1941 (disc by H Herre 1930),
(Euphorbia) **planiceps** (Northern Cape) 1941 (disc by M Wilman 1921),
(Euphorbia) **pseudoduseimata** (Northern Cape) 1941,
(Euphorbia) **stolonifera** (Western Cape) 1941 (disc by HWR Marloth 1920),
(Euphorbia) **symmetrica** (Eastern Cape) 1941 (disc by RA Dyer) —> **Euphorbia obesa** ssp **symmetrica** by GD Rowley 1998;

transfer *species* [w AC White]:
"Boucerosia tombuctuensis" (AJB Chevalier 1900) —> **Caralluma retrospiciens** var **tombuctuensis** 1937,
"Duvalia transvaalensis" (FRR Schlechter 1895) —> **Duvalia polita** var **transvaalensis** 1937,
"Sarcophagophilus winkleri" (MK Dinter 1923) —> **Caralluma winleri** 1937,
"Stapelia atrosanguinea" (NE 1901) —> **Huerniopsis atrosanguinea** 1937,
"Stapelia fisSirostris" (NJ von Jacquin 1806–19) —> **Stapelia rufa** var **fisSirostris** 19377;

transfer *species* [w AC White & RA Dyer]:
"Euphorbia alternicolor" (NE Brown 1915) —> **Euphorbia aggregata** var **alternicolor** 1941,
"Euphorbia atrispina" (NE Brown 1915) —> **Euphorbia stellispina** var **astrispina** 1941,
"Euphorbia huttoniae" (NE Brown 1915) —> **Euphorbia inermis** var **huttoniae** 1941,
"Euphorbia macowanii" (NE Brown 1915) —> **Euphorbia tuberculata** var **macowanii** 1941,
"Euphorbia sagittaria" (HWR Marloth 1930) —> **Euphorbia avasmontana** var **sagittaria** 1941,
"Euphorbia truncata" (NE Brown 1915) —> **Euphorbia clavarioides** var **truncata** 1941;

desc *variety* [w AC White]:
(Caralluma lateritia var) **stevensonii** (Southern Rhodesia) 1937 (disc by RHR Stevenson 1934 & nah),
(Huernia brevirostris var) **histrionica** (Cape) 1937 (disc by J & CA Luckhoff 1931),
(Huernia keniansis var) **molonyae** (Kenya) 1937 (disc by ER Molony & nah),
(Huernia keniansis var) **nairobiensis** (Kenya, Tanzania) 1937 (disc by ER Molony),
(Huernia brevirostris var) **parvipuncta** (Cape) 1937 (disc by J & CA Luckhoff c1931),
(Huernia verekeri var) **stevensonii** (Southern Rhodesia) 1937 (disc by RHR Stevenson &

nah); **[**w **AC White & RA Dyer]**:
desc *variety* [w/o AC White]:
(Euphorbia atrispina var) **viridis** (Western Cape) 1941,
(Euphorbia enopla var) **viridis** (Eastern Cape) 1941 (disc by RA Dyer 1939),
(Euphorbia franksiae var) **zuluensis** (Natal) 1941,
(Euphorbia heptagona var) **ramosa** (Western Cape) 1941 (disc by RA Dyer 1939),
(Euphorbia heptagona var) **subsessilis** (Western Cape) 1941 (disc by RA Dyer 1939),
(Euphorbia heptagona var) **viridis** (Western Cape) 1941,
(Euphorbia horrida var) **major** (Eastern Cape) 1941,
(Euphorbia horrida var) **noorsveldensis** (Eastern Cape) 1941 (disc by RA Dyer 1929),
(Euphorbia horrida var) **striata** (Eastern Cape) 1941 (disc by J Luckhoff),
(Euphorbia mauritanica var) **corallothamnus** (Namaq) 1941 (disc by MK Dinter 1930),
(Euphorbia mauritanica var) **foetens** (Great Namaq) 1941 (disc by MK Dinter 1929),
(Euphorbia mauritanica var) **lignosa** (Namaq) 1941 (disc by HWR Marloth),
(Euphorbia mauritanica var) **minor** (Western Cape) 1941,
(Euphorbia pillansii var) **albovirens** (Western Cape) 1941,
(Euphorbia pillansii var) **ramosissima** (Western Cape) 1941,
(Euphorbia subsalsa var) **kaokoensis** (Namibia) 1941 —> **Euphorbia kaokoensis** by LC Leach 1976;
transfer *variety* **[**w **AC White]**:
"Huernia scabra var quinta" (EP Phillips 1932) —> **Huernia quinta** 1937.

†**Sloane**, **Emily** [née Haines] (1886–1968); spouse BL Sloane;
***species* nah:**
(Duvalia) **emiliana** (RSA) (desc & nah by AC White 1933).

†**Slotkin**, (Dr) James Sydney (12 Jul 1913–6 Aug 1958); PhD at Univ of Chicago 1940; US social anthropologist; prof at Univ of Chicago 1946~; studied peyote religion among Indians of N Amer; spouse Elizabeth Josephine [née Cole] Slotkin;
Book [1956] *The Peyote Religion* Glencoe, Illinois; Eng; 195p.

Smale, Terence [**Terry**] Charles (1944–); {T.C.Smale}; Epsom Downs, Surrey, Eng; PhD in organic chemistry at Imperial College, Univ of London 1968; research on chemistry of antibacterials & antivirals 1968–96; mail order nursery of S African plants 1996~; explored in RSA, Mex, western US & Canary Islands; collected in RSA w SA Hammer & Philip Desmet;
desc *species*:
(Conophytum) **subterraneum** [w T Jacobs] (Richtersveld) 2001 (disc by T Jacobs 2000);
transfer *species*:
"Conophytum cylindratum" (MHG Schwantes 1929) —> **Conophytum roodiae** ssp **cylindratum** 2000;
desc *subsp*:
(Conophytum minusculum ssp) **aestiflorens** [w SA Hammer] (Western Cape) 2002 (disc by

AR Mitchell 1979),
(Conophytum pellucidum ssp) **saueri** [w SA Hammer] (Namaq) 2002 (disc by N Sauer & nah),
(Conophytum roodiae ssp) **corrugatum** (Namaq) 2000 (disc by SA Hammer & TC Smale 1999);
transfer *subsp*:
"Conophytum rugosum ssp sanguineum" (SA Hammer 1990) —> **Conophytum roodiae** ssp **sanguineum** 2000.

Small, Ewald;
Book [2001] *Kakteen Inside & Outside*; 62p,
[2004] *Kakteen*; 92p.

†**Small**, (Dr) John Kunkel (31 Jan 1869–20 Jan 1938); {Small}; US taxonomic botanist; PhD at Columbia College 1895; curator of herbarium at Columbia College 1895–98; helped develop (1891) & curator at NY Bot Garden museum 1898–33; worked w NL Britton; interested in flora of se US (Florida); prolific writer; spouse Elizabeth [née Wheeler] Small;
Book [1903] *Flora of the Southeastern US*; Eng; 1,600p; (included 13 cacti & 1 agave);
***species* nah:**
(Diamorpha) **smallii** (N Carolina) (desc & nah by NL Britton 1905) —> **Sedum smallii** by HE Ahles 1964,
(Pedilanthus) **smallii** (Florida, Cuba) (desc & nah by CF Millspaugh 1913) —> **Pedilanthus tithymaloides** ssp **smallii** by RL Dressler 1957,
(Portulaca) **smallii** (Georgia B to Carolina) (desc & nah by P Wilson 1932);
desc *species*:
(Agave) **neglecta** (Florida) 1903,
(Portulaca) **coronata** (S Carolina, Georgia B) 1896 —> **Portulaca umbraticola** ssp **coronata** by JF Matthews & DW Ketron 1991;
transfer *variety*:
"Sicydium lindheimeri var tenuisectum" (A Gray 1852) to **Ibervillea tenuisecta** 1903.

†**Smet**, Louis de (1813–1887); {DeSmet}; Belgium commercial horticulturist & nurseryman;
***species* nah:**
(Agave) **desmentiana** (Mex) (desc & nah by GA von Jacobi 1866);
desc *species*:
(Echeveria) **amoena** (Puebla, Veracruz) 1875.

Smit, Daan; Dutch horticulturist; curator of Bot Gardens at Vrije Univ, Amsterdam;
Book [1997] *Cacti, The Flowering Desert* [w N den Hartogh] NYC; Eng version of 1995 book; 80p w 101 color photos.

Smith, Alan C; British owner of Alpine & Rock Plant Nursery 1950~;
.collected sempervivums 1938~; specialized in sempervivum & jovibarba;
Book [1975] *The Genus Sempervivum & Jovibarba* Kent, Eng; Eng; 44p.

†**Smith**, (Dr) Albert Charles (5 Apr 1906–23 May 1999); {A.C.Sm.}; US botanist;
dir of Natl Museum of Natural History at Smithsonian Institution; pres of Bot Soc of Washington 1962; collected in US, Colombia, Guyana, Brazil, Peru, Fiji & Surinam;
disc *species*:
(Cactus) **smithii** (Brazil, Guyana) 1938 (desc & nah by EJ Alexander 1939) —> **Melocactus smithii** by AFH Buining 1974,
(Squamellaria) **major** (Fiji Islands) 1967.

†**Smith**, (Prof) (Dr med) Christen [Christian] (Oct 1785–22 Sep 1816); {C.Sm.};
Norwegian botanist, bryologist & physician; prof of botany at Christiania Univ, Oslo 1814; explored in Madeira Islands & Canary Islands 1815 & in Congo 1816;
***species* nah:**
(Sempervivum) **smithii** (Canary Islands) (desc & nah by J Sims 1818) —> **Aeonium smithii** by PB Webb & S Berthelot 1840.

†**Smith**, Christo Albertyn (26 Apr 1898–23 Nov 1956); {C.A.Sm.}; RSA botanist, teacher & journalist; BSc at Stellenbosch Univ 1920; taught biology at Cape schools 1921–24; to Kew gardens 1928–31 while working at division of botany in Pretoria 1925–46; journalist 1931~; studied common names of plants 1925~;
Book [1939] *Review of the Genus Adromischus LEMAIRE*; Eng; 41p,
[1966] *Common Names of South African Plants* Pretoria, RSA; Eng; 642p; (edited after his death by EP Phillips & Estelle van Hoepen (1919–);
***species* nah:**
(Hymenocyclus) **smithii** (Free State) (desc & nah by HML Bolus 1927) —> **Malephora smithii** by HEK Hartmann 2001;
disc *species*:
(Euphorbia) **maleolens** (Limpopo) 1925 (desc by EP Phillips 1932);
desc *species*:
(Adromischus) **leucothrix** (Western Cape) 1939 (disc by Mrs Geldenhuys 1936) —> **Tylecodon leucothrix** by HR Tolken 1978,
(Adromischus) **sphenophyllus** (Eastern Cape) 1939,
(Adromischus) **umbracticola** (Northern Cape, Limpopo, Gauteng) 1933;
(Cissus) **dolichopus** (Zimbabwe, Natal, Northern Prov) 1932 —> **Cyphostemma humile** ssp **dolichopus** by H Wild & RB Drummond 1962,
transfer *species*:
“Cotyledon alstoni” (S Schonland & EG Baker 1902) —> **Adromischus alstoni** 1939,
"Cotyledon filicaulis" (CF Ecklon & CLP Zeyher 1837) —> **Adromischus filicaulis** 1939,
"Rhynchosia ficifolia" (G Bentham 1862) —> **Neorautanenia ficifolia** 1932.

Smith, Colin; British;
Book [2004] *Yuccas: Giants Among the Lilies* London, Eng; Eng; 72p w 66 color photos.

†**Smith**, (Col) Cornelius Cole (7 Apr 1869–10 Jan 1936); US army Medal of Honor award 1890; assisted JN Rose in n Venezuela 1916;
species **nah:**
(Cephalocereus) **smithianus** (Venezuela) (desc by NL Britton & JN Rose 1920 & disc by JN Rose & LB Rose 1916) —> **Praecereus euchlorus** ssp **smithianus** by NP Taylor 1997.

Smith, Deborahann [Deborah Ann];
Book [1988] *Arizona Cactus — A Guide to Unique Varieties* Frederick, Colorado; Eng; 48p w 43 color photos.

Smith, EC; US; at Agricultural Experiment Station, New Mex State Univ, Las Cruces;
Book [1943] *Fiber of native plants in New Mex* [w LB Shires & CW Botkin] Las Cruces, New Mex; Eng; 38p w 12 plates; (*Yucca & Nolina*).

Smith, Gerald Graham (9 Aug 1892–1 Mar 1976); {G.G.Sm.}; RSA engineer, amateur naturalist & collector of Haworthias; dir of Modern Engineering Works Ltd, East London 1919–47; helped build & develop East London Museum, RSA 1947~; pub articles in *Journal of S African Botany* on genus Haworthia;
species **nah:**
(Ceropegia) **smithii** (Eastern Cape) (desc & nah by MR Henderson 1945) —> **Ceropegia radicans** ssp **smithii** by RA Dyer 1980;
disc *species*:
(Euphorbia) **multifolia** [w H Herre] (Western Cape) (desc by BL Sloane, AC White & RA Dyer 1941);
desc *species*:
(Haworthia) **atrofusca** (Western Cape) 1948 —> **Haworthia magnifica** var **atrofusca** by MB Bayer 1977,
(Haworthia) **comptoniana** (Eastern Cape) 1945 (disc by MJ Malherbe & na RH Compton) —> **Haworthia emelyae** var **comptoniana** by JD Venter & SA Hammer 1997,
(Haworthia) **dekenahii** (Western Cape) 1944 (na AJ Dekenah) —> **Haworthia magnifica** var **dekenahii** by MB Bayer 1997,
(Haworthia) **globosiflora** (Western Cape) 1950 —> **Haworthia nortieri** var **globosiflora** by MB Bayer 1976,
(Haworthia) **graminifolia** (Western Cape) 1942 —> **Haworthia blackburniae** var **graminifolia** by MB Bayer 1999,
(Haworthia) **heidelbergensis** (Western Cape) 1948,
(Haworthia) **leightonii** (Eastern Cape) 1950 (na J Leighton) —> **Haworthia cooperi** var **leightonii** by MB Bayer 1976,
(Haworthia) **longibracteata** (Western Cape) 1945 (disc by AJ Dekenah) —> **Haworthia turgida** var **longibracteata** by MB Bayer 1999,

(Haworthia) **nortieri** (Western Cape, Northern Cape) 1946 (na PL Nortier),

(Haworthia) **ramosa** (Eastern Cape) 1940 —> **Haworthia cymbiformis** var **ramosa** by MB Bayer 1999;

transfer *species*:

"Haworthia ubomboensis" (IC Verdoorn 1941) —> **Haworthia limifolia** var **ubomboensis** by GG Smith 1950;

desc *variety*:

(Haworthia angustifolia var) **paucifolia** (Eastern Cape) 1948,

(Haworthia dekenahii var) **argenteo-maculosa** (Western Cape) 1945 —> **Haworthia pygmaea** var **argenteo-maculosa** by MB Bayer 1997,

(Haworthia reinwardtii var) **brevicula** (Eastern Cape) 1944,

(Haworthia reinwardtii var) **chalumnensis** (Eastern Cape) 1943 (disc by him) —> **Haworthia reinardtii** fa **chalumnensis** by MB Bayer 1976,

(Haworthia reinwardtii var) **kaffirdriftensis** (Eastern Cape) 1943 —> **Haworthia reinwardtii** fa **kaffirdriftensis** by MB Bayer 1976,

(Haworthia reinwardtii var) **olivacea** (Eastern Cape) 1944 —> **Haworthia reinwardtii** fa **olivacea** by MB Bayer 1976,

(Haworthia reinwardtii var) **tenuis** (Eastern Cape) 1948 —> **Haworthia coarctata** var **tenuis** by MB Bayer 1973,

(Haworthia reinwardtii var) **zebrina** (Eastern Cape) 1944 —> **Haworthia reinwardtii** fa **zebrina** by MB Bayer 1977,

(Haworthia schuldtiana var) **major** (Western Cape) 1946 (disc by AJ Dekenah 1943) —> **Haworthia emelyae** var **major** by MB Bayer 1997.

Smith, (Prof) (Dr) **Gideon** Francois (1959–); {Gideon F.Sm.}; RSA taxonomist;
PhD in botany at Univ of Pretoria, RSA 1991; dir of research & scientific services at S African Natl Bot Institute, Pretoria, RSA & prof of botany at Univ of Pretoria 1996~;
also at centre for functional ecology, dept de ciências da vida, Univ of Coimbra, Portugal;
created succ plant gardens in Eastern Cape, North-West, Free State & Gauteng; research interests in taxonomy & floristics of s African succ plants; prolific writer; IOS member 1989, vp 1997–98 & pres 1999–2002; SSSA Allen Dyer award 2003; CSSA Fellow award 2003;
Monaco Cactus d'Or award 2004; spouse El-Marié Smith;
Book [1991] *Contributions to the Systematics of Selected Genera of the Alooideae (Asphodelaceae)* Pretoria, RSA; 395p; (PhD thesis),

[1996] *Guide to the Aloes of South Africa* [w B van Wyck] Pretoria; Eng; 302p,

[1997] *Taxonomic Literature of Southern African plants* [w M Mossmer & NL Meyer] Pretoria; Eng; 164p; (editors of),

[1997] *List of Southern African Succ Plants* [w EJ van Jaarsveld, TH Arnold, FE Steffens, RD Dixon, JA Retief] Pretoria; Eng; 175p; (editors of); authors are National Botanical Institute of S Africa & the Succulent Society of S Africa,

[1998] *Mesembs of the World — Illustrated Guide to a Remarkable Succ Group* [w P Chesselet, EJ van Jaarsveld, HEK Hartmann, SA Hammer, B van Wyk, P Burgoyne, C Klak & H Kurzwell] Pretoria; Eng; 405p,

[2000] *Succ of S Africa (a guide to the regional diversity)* [w B-E van Wyk & EJ van Jaarsveld] Cape Town, RSA; Eng; 144p,

[2001] *Regions of Floristic Endemism in Southern Africa (a review w emphasis on succ)* [w AE van Wyk] RSA; 199p,

[2003] *First Field Guide to Aloes of Southern Africa*; Eng; 57p w 73 color photos,

[2005] *Gardening w Succ*; Eng; 160p,

[2006] *Cacti & Succ, a Complete Guide to Species, Cultivation & Care* Batavia, Illinois; Eng; 160p,

[2008] *Aloes in southern Africa* [w AE [Braum] van Wyk] Cape Town, RSA; Eng; 136p w 202 color photos; (1st edition in 1996 w 302p),

[2008] *Guide to Garden Succulents* [w B-E van Wyk] Pretoria; Eng; 320p w over 500 color photos,

[2008] *Plants of Angola (Plantas de Angola)* [w E Figueiredo] Pretoria, RSA; Eng/Portuguese; 279p,

[2009] *Guide to Succulents of Southern Africa* [w NR Crouch] S Africa; Eng; 136p w 458 color photos,

[2011] *The Aloe Names Book (Strelitzia 28 edition)* [w OM Grace, E Figueiredo, RR Klopper] Pretoria, RSA; Eng; 232p w 313 color plates;

[2012] *Naturalised & Invasive Succulents of Southern Africa, ABC Taxa Journal Vol 11* [w M Walters, E Figueiredo, PJD Winter, NR Crouch, HG Zimmermann & BK Mashope]; RSA; Eng; 360p,

[2013] *Succ Paradise, Twelve Great Gardens of the World* [w E Figueiredo] Cape Town, RSA; Eng; 184p,

[2015] *Garden Aloes: Growing & Breeding Cultivars & Hybrids* Auckland Park, RSA; Eng; 193p,

[2017] *Field Guide to Succulents in Southern Africa* [w NR Crouch & E Figueiredo]; Eng; 464p;

desc *species*:

(Aloe) **craibii** (Mpumalanga) 2003 (disc by G Condy & C Craib & na C Craib),

(Aloe) **hahnii** [w RR Klopper] (Limpopo) 2009 (disc by .0N Hahn 2007 & nah),

(Aloe) **jeppeae** [w RR Klopper] (Free State) 2013 (disc by GPJ Fritz 2009 & na BJ Jeppe),

(Aloe) **neilcrouchii** [w RR Klopper] (KwaZulu-Natal) 2010 (disc by NR Crouch & I Johnson 2009 & na Neil R Crouch).

(Aloe) **nicholsii** [w NR Crouch] (KwaZulu-Natal) 2010 (disc by G Nichols & nah),

(Aloe) **sharoniae** [w NR Crouch] (KwaZulu-Natal) 2011 (na S Louw),

(Astroloba) **corrugata** [w NL Meyer] (Western Cape) 1998 (disc by EJ Jaarsveld 1994).

†**Smith**, (Dr med) (Sir) James Edward (2 Dec 1759–17 Mar 1828); {Sm.}; wealthy British botanist, natural historian, taxonomist & physician; MD at Leiden Univ 1785; purchased C Linnaeus' library, manuscripts & natural history collections (after son C von Linne's death) in 1784; founded Linnean Soc in London 1788 to house C Linnaeus' material & pres 1788~; prolific writer for many volume *Cyclopaedia* by Abraham Rees pub

1802–20; FRS 1786; knighted 1814; spouse Pleasance [née Reeve] Smith;
desc *species*:
(Crassula) **microcarpum** (Cyprus, Turkey, Syria) 1806 —> **Sedum microcarpum** by S Schonland 1890,
(Pelargonium) **crithmifolium** (Namibia, Northern Cape, Western Cape) 1793,
(Tillaea) **peduncularis** (Australia, New Zealand, Chile, Argentina, Paraguay, Brazil) 1817 —> **Crassula peduncularis** by FC Meigen 1893,
(Sedum) **eriocarpum** [w J Sibthorp] (Greece) 1809,
(Sedum) **forsterianum** (Ger, Spain, Belgium, Luxembourg, Ireland, Netherlands, Great Britain, France, Portugal) 1808 (na E Forster),
(Sedum) **tenuifolium** [w J Sibthorp] (Italy, Sicily, Macedonia, Albania, Bulgaria, Greece, Crete, Turkey) 1809 —> **Sedum amplexicaule** ssp **tenuifolium** by WR Greuter & HM Burdet 1981.

†**Smith**, Jared Gage (13 Sep 1866–19 Nov 1957); {J.G.Smith}; US agriculturist & botanist; MA at Univ of Nebraska, Lincoln 1888; botanist at Missouri Bot Gardens, St. Louis; agriculturist in Honolulu, Hawaii;
desc *species*:
(Sedum) **texanum** (Texas into Mex) 1895 —> **Lenophyllum texanum** by JN Rose 1904.

Smith, John Donnell — See **Donnell Smith**, John.

†**Smith**, (Dr) Mark C (–c1984); (M.C.Smith}; British; worked w bot gardens at Univ of Bristol, Eng w a PhD thesis on Spanish Sempervivums c1971; explored & collected Sempervivums in Spain 1969–70; wrote articles for *Houselekes* periodical;
desc *subsp*:
(Sempervivum) **cantabricum** ssp **gaudarramense** (Spain) 1981,
(Sempervivum) **cantabricum** ssp **urbionense** (Spain) 1981.

Smith, Michael S;
Book [1998] *Narcotic & Hallucinogenic Cacti of the New World*; 90p,
[2003] *Sacramental & Medicinal Cact (Peyote, San Pedro & other Ethnopharmacological Cactaceae)*; Eng; 58p w 30 color photos.

Smith, Roberta H;
Book [1982] *In Vitro Propagation of Kalanchoe* Wayne, Indiana; Eng; 15p.

Smith, Stanley D (1951–);
Book [1997] *Physiological Ecology of N Amer Desert Plants (Adaptations of Desert Organisms)* [w RK Monson & JE Anderson] Berlin, Ger; Eng; 286p.

†**Smith**, (Prof) (Dr hc) (Sir) Wm Wright (2 Feb 1875–15 Dec 1956); {W.W.Sm.}; Scottish botanist; honorary doctorates at Univ of Toulouse & at Univ of Aberdeen; curator at bot gardens

in Calcutta, India 1907–11; prof of botany at Univ of Edinburg, Scotland & keeper of Royal Bot Gardens, Edinburg 1922~ & king's botanist in Scotland 1922~, successor to IB Balfour; FRS 1945; spouse Emma [née Wiedhofft] Smith;
***species* nah:**
(Sedum) **smithii** (Nepal, Sikkim, Tibet) (desc & nah by Raymond-Hamet 1913) —> **Rhodiola smithii** by SH Fu 1965;
desc *species*:
(Ceropegia) **aridicola** (Yunnan) 1920,
(Ceropegia) **muliensis** (China) 1920,
(Ceropegia) **porphyrotricha** (Benin, Equatorial Guinea, Ghana, Nigeria) 1922,
(Sedum) **purdomii** (China) 1916 (disc by W Purdom & RJ Farrer 1914 & na W Purdom).

†**Smithers**, Ray HN; Wynberg, C.P.; explored & collectod in RSA;
disc *species*:
(Trichocaulon) **truncatum** (Cape) 1935 (desc by NS Pillans 1937).

Smrz, N Oskar (27 Jul 1885–2 Oct 1938); Czech Rep gardener & writer;
Book [1924] *Navod K Pestovani Kaktusu* Prague, Czech Rep; Czech; 32p + 6 plates,
[1924] *Kaktusu, A Jenich Pjestini* Prague; Czech; 32p,
[1929] *Kaktus A Jine Sukulenty* Pardubice, Czech Rep; Czech; 383p,
[1929] *Kniha O Kaktusech A Jinych Sukulentech* Chrudim, Czech Rep; Czech 383p.

†**Smythe**, (Mrs) D; RSA;
***species* nah:**
(Delosperma) **smytheae** (Natal) (desc & nah by HML Bolus 1929).

†**Sneed**, James Roe (21 Mar 1899–4 Mar 1964); US house carpenter; disc species below in Franklin Mts, Texas; first spouse Comfort Lavinia Pattison; second spouse ? Persilnger (8 Aug 1900–31 Dec 1997);
disc *species*:
(Escobaria) **sneedii** (Chihuahua, New Mexico, Texas) 1921 (desc & nah by NL Britton & JN Rose 1923).

Snicer, [Šnicer,] Jaroslav;
Book [2005] *Genus LOPHOPHORA Coulter — Kaktusy Special 2* [w V Mysak & J Bohata]; Eng; 48p w 89 color photos.

Snijman, (Dr) Deirdré [Dee] Anne (27 Jun 1949–); {Snijman};
RSA botanist; officer at Compton Herbarium, Kirstenbosch Bot Garden 1974~; PhD at Univ of Cape Town 1992; interested in gunus Haemanthus; explored in s Africa; spouse Colin Paterson Jones;
Book [1984] *A Revision of the Genus Haemanthus L. (Amaryllidaceae)* [w illustrations by JE Ward-Hilhorst] Kirstenbosch, RSA; 140p w 24 color plates;

desc *species*:
(Cyrtanthus) **flammosus** [w EJ van Jaarsveld] (Eastern Cape) 1995,
(Haemanthus) **pauculifolius** [w AE van Wyk] (Mpumalanga) 1993.

Snodgrass, Edmund C;
Book [2006] *Green Roof Plants* [w LL Snodgrass]; Eng; 220p.

Snodgrass, Lucie L;
Book [2006] *Green Roof Plants* [w EC Snodgrass]; Eng; 220p.

Snyder, Ernest E;
Book [1963] *Hello There!* Tempe, Arizona; Eng; 47p; (humorous pictures of odd-ball saguaros w cartoon captions).

Soares Filho, Avaldo de Oliveira (fl. 2003); {Soares Filho}; Bahia; prof of ecology in natural sciences dept at State Univ of Southwestern Bahia, Brazil;
desc *species*:
(Arrojadoa) **marylanae** [w M Machado] (Bahia) 2003 (disc by A de O Soares Filho & M Coelho 2001 & na Marylan Coelho).

†**Socnik**, [Soznic,] Hugo;
Book [1928] *Zimmerkultur der Kakteen* [w F Thomas] Neudamm; 96p,
[1937] *Mein Kakteen* [w E Werdermann] Frankfurt; Ger; 239p w 4 color plates.

†**Sodomka**, J;
Book [1909] *Pěstování Kaktusů* Prague, Czech Rep; Czech; 40p.

†**Soederstrom**, [Söderström,] Ludovic (1842–1927); Swedish consul in Quito, Ecuador 1886~; worked for US telecommunication company in Quito;
disc *species*:
(Opuntia) **soederstromiana** (Ecuador) (desc & nah by NL Britton & JN Rose 1919 & disc by JN Rose 1918).

†**Soehrens**, [Söhrens,] Johannes (c1854–1934); {Söhr.}; Ger botanist & taxonomist; dir of bot garden atSantiago de Chile; authority on cacti of Chile; worked on plant systematics; wrote journal articles;
***genus* nah:**
Soehrensia (Argentina, Chile) (desc & nah by C Backeberg 1938) (syn of Echinopsis ZUCCARINI);
***species* nah:**
(Opuntia) **soehrensii** (Peru, Bolivia, Argentina, Chile) (desc & nah by NL Britton & JN Rose 1919 & disc by JN Rose 1914) —> **Tunilla soehrensii** by DR Hunt & J Iliff 2000;

desc *species*:
(Echinocactus) **aspillagae** (Chile) 1929 (disc by him & na M Aspillaga) —> **Eriosyce aspillagae** by F Kattermann 1994.

Sofowora, Abayomi (?); Nigeria; in Dept of Pharmocognosy at Univ of Ife, Nigeria; **Book** [1982] *Medicinal Plants &Traditional Medicine in Africa*; 256p.

†**Solander**, **Daniel** Charles [Carlsson] (19 Feb 1736–13 May 1782); {Sol. or Soland.}; Swedish botanist, naturalist & librarian; student of C Linnaeus at Uppsala Univ 1750–59; to Eng 1760; librarian at British Museum 1763–68; joined (as botanist & naturalist) J Banks on (Capt) James Cook (1728–1779) ship Endeavour first round world voyage 1768–71 & botanized in Tahiti, New Zealand, Australia, Java, Cape, & St Helena; secretary & librarian for J Banks 1771~; curator at natural history dept of British Museum in London 1773~; FRS 1764;
disc *species*:
(Myrmecodia) **beccarii** [w J Banks] (Australia) 1770 (desc by JD Hooker 1886 & na O Beccari);
desc *species*:
(Crassula) **lactea** (Eastern Cape, Natal, Mpumalanga) 1789 (disc by SF Masson 1774).

Solano, [Solano Camacho,] Eloy (fl. 1998); {E.Solano}; Mex;
desc *species*:
(Polianthes) **bicolor** [w AJ Garcia-Mendoza] (Oaxaca) 1998 —> **Agave bicolor** by J Thiede & U Eggli 2001.

†**Solier**, Antoine Joseph Jean (8 Feb 1792–27 Nov 1851); French naturalist, entomologist & soldier; specialist in algae;
***species* nah:**
(Tillaea) **solieri** (Wyoming, Nevada, Oregon, Calif, Texas, Chile) (desc & nah by C Gay 1847) —> **Crassula solieri** by FC Meigen 1893.

†**Solis**, [Solís,] Octavio; Mex City; student of cacti;
***genus* nah:**
Solisia (Puebla, Oaxaca) (desc & nah by NL Britton & JN Rose 1922) (syn of Mamm).

†**Solms-Laubach**, (Prof) (Dr) **Hermann** Maximilian Carl Ludwig Friedrich zu (23 Dec 1842–24 Nov 1915); {Solms, Solms-Laub.}; Ger paleobotanist & bryologist;
PhD at Berlin Univ 1865; prof of botany at Strasbourg 1872–79 & 1888–1907 & at Göttingen 1879–1888 & dir of bot garden; collected in Java 1883; Linnean Medal 1911;
***genus* nah:**
Absolmsia (Malaysia) (desc & nah by CEO Kuntze 1891);
desc *species*:
(Echinocactus) **steinmannii** (Bolivia) 1907 (na JHC Steinmann) —> **Rebutia steinmannii** by

NL Britton & JN Rose 1922,
(Sedum) **stahlii** (Puebla) 1900 (na E Stahl);
transfer *species*:
"Vasconcellea chilensis" (AP de Candolle 1864) —> **Carica chilensis** 1889,
"Vasconcellea parviflora" (AP de Candolle 1864) —> **Carica parviflora** 1889.

Solomon, James Clinton (1952–); botanist at Missouri Botanical Garden, St Louis, Missouri; collected in US & Bolivia;
disc *species*:
(Trichocereus) **arboricola** (Bolivia, Argentina) 1983 (desc by MW Kimnach 1990) —> **Echinopsis arboricola** by R Mottram 1997.

Somadee, Surisa;
Book [2011] *Hoya* [w J Kuehne] Witten, Ger; Ger; 96p.

†**Somen**, (Dr med) H (fl. 1916); French physician; friend of Raymond-Hamet;
***species* nah:**
(Sedum) **somenii** (Yunnan) (desc & nah by Raymond-Hamet 1916).

†**Someren**, (Dr med) Victor Gurner Logan van (6 Oct 1886–24 Jul 1976); Australian to East Africa 1912; amateur naturalist; medical & dental surgeon in Nairobi, Kenya 1910~; MD at Univ of Edinburgh; specialist on east African birds & insects; first dir of East Africa & Uganda Natural History Society's Museum; member of East Africa Natural History Soc; collected in Kenya; FLS ____; spouse Elizabeth [née Cunningham] Someren;
disc *species*:
(Euphorbia) **meridionalis** (Kenya, Tanzania) 1931 (desc by S Carter & PRO Bally 1982).

†**Son**, (Dr) Georges van (1 Oct 1898–29 May 1967); Russian to RSA 1923; entomologist & student of botany; worked at Transvaal Museum 1925~; DSc at Pretoria Univ 1948; field collected in RSA; spouse E [née Saunders] Son;
disc *species*:
(Caralluma) **langii** (Bechuanaland) 1930 (desc by AC White & BL Sloane 1933 & na H Lang) —> **Caralluma knobelii** var **langii** by AC White & BL Sloane 1937,
(Caralluma) **vansonii** (Bechuanaland) 1930 (desc & nah by C Bremekamp & AA Obermeyer 1935),
(Huernia) **occulta** (Zimbabwe) 1930 (desc by LC Leach & DCH Plowes 1966).

†**Sonder**, (Dr hc) Otto Wilhelm (13 Jun 1812–21 Nov 1881); {Sond.}; Ger botanist & apothecary; pharmacist in Kiel & Hamburg, Ger 1835–78; honorary doctorate at Königsberg 1846; botanist at Kew Herbarium; wrote on S African plants;
Book [1859–65] *Flora Capensis* [w WH Harvey]; Dublin, Ireland; Eng; 6,503p; in 7 Vols;
(WH Harvey & OW Sonder completed 1st 3 Vols between 1859 & 1865, edited by WH Harvey; Vols 4–7 were completed by NE Brown & staff at Kew 1894–33 after deaths of WH Harvey &

OW Sonder);
***genus* nah:**
Ottosonderia (Namaq, Cape) (desc & nah by HML Bolus 1958);
desc *species*:
(Aizoon) **galenioides** (Namibia) 1862 —> **Aizoanthemum galenioides** by CH Friedrich 1957,
(Aizoon) **zeyheri** (Namaq) 1862 (na KLP Zeyher),
(Balsamodendrum) **capense** (Namibia, Northern Cape) 1860 —> **Commiphora capensis** by HGA Engler 1883,
(Cephalandra) **sessilifolia** (Namibia, RSA) 1862 —> **Coccinia sessilifolia** by CA Cogniaux 1881,
(Cucumis) **hirsutus** (Mada, RSA, Zimbabwe Mozambique, Tanzania, Kenya, Zambia, Botswana, Angola, Zaire, Cameroon, Sudan) 1862,
(Galena) **affinis** (Western Cape) 1862,
(Galena) **dregeana** (Namaq) 1862 (na JF Drege),
(Galena) **hispidissima** (Western Cape) 1862,
(Galena) **portulacacea** (Little Namaq, Western Cape) 1862,
(Galena) **pruinosa** (Namaq, Western Cape) 1862,
(Galena) **sarcophylla** (Namibia, Northern Cape, Eastern Cape, Free State) 1862,
(Jatropha) **lagarinthoides** (Limpopo, Mpumalanga) 1850,
(Jatropha) **zeyheri** (Limpopo, North-West, Mpumalanga) 1850 (na CLP Zeyher),
(Mesemb) **aristulatum** (Western Cape) 1862 —> **Ruschia aristulata** by MHG Schwantes 1927,
(Mesemb) **bicorne** (Eastern Cape, Western Cape) 1862—> **Psilocaulon bicorne** by MHG Schwantes 1928,
(Mesemb) **collinum** (RSA) 1862 —> **Drosanthemum collinum** by MHG Schwantes 1927,
(Mesemb) **dregeanus** (Western Cape) 1862 (na JF Drege) —> **Lampranthus dregeanus** by NE Brown 1930,
(Mesemb) **dunense** (Western Cape) 1862 —> **Erepsia dunensis** by C Klak 2000,
(Mesemb) **monticola** (Little Namaq) 1862 —> **Ottosonderia monticola** by HML Bolus 1958,
(Mesemb) **simile** (Cape) —> **Psilocaulon simile** by MHG Schwantes 1928,
(Mesemb) **veruculoides** (Northern Cape) 1862 —> **Malephora veruculoides** by MHG Schwantes 1928,
(Pisosperma) **capense** (Northern Cape, Western Cape, Free State, Lesotho, Namibia) 1862 —> **Kedrostis capensis** by ADJ Meeuse 1962,
(Portulacaria) **namaquensis** (Namibia Northern Cape) 1862 —> **Ceraria namaquensis** by WH Pearson & EL Stephens 1912,
(Zehneria) **macrocarpa** (Angola, Namibia, RSA, Botswana, Mozambique, Swaziland, Zimbabwe) 1862 —> **Trochomeria macrocarpa** by JD Hooker 1871;
transfer *species*:
"Aizoon crystallinum" (CF Eklon & KLP Zeyher 1837 —> **Galenia crystallina** 1862,
"Aizoon fruticosum" (C von Linne *fil.* 1781) —> **Galenia fruticosa** 1862,

"Aizoon papulosum" (CF Eklon & KLP Zeyher 1837) —> **Galenia papulosa** 1862,
"Aizoon secundum" (C von Linne *fil.* 1781) —> **Galenia secumda** 1862,
"Aizoon squamulosum" (CF Eklon & KLP Zeyher 1837) —> **Galenia squamulosa** 1862,
"Bryonia scabra" (C von Linne *fil.* 1781) —> **Zehneria scabra** 1862;
"Trianthema humifusa" (CP Thunberg 1794) —> **Acrosanthes humifusa** 1862;
desc *variety*:
(Mesemb simile var) **namaquense** (Namaq) —> **Psilocaulon namaquense** by

.0MHG Schwantes 1928,
(Mesemb junceum var) **paciflorum** (RSA) —> **Psilocaulon paciflorum** by MHG Schwantes 1928.

†**Songeon**, André (8 May 1826–18 Apr 1905); {Songeon}; French botanist;
desc *species*:
(Sedum) **montanum** [w EP Perrier de la Bathie] (Austria, Switzerland, Italy, France, Spain) 1864.

Sorger, (Dr) Friederike (fl. 1984); {Sorger}; Austrian botanist; specialist on Turkish flora;
***species* nah:**
(Sedum) **sorgerae** (Turkey) (desc & nah by K Tan & CJ Chamberlain 1984);
desc *species*:
(Sempervivum) **brevipetalum** [w K Tan] (Turkey) 1986.

Sorma, [Šorma,] Vladimir (1959–); Czech social science, physical education & English teacher;
desc *species*:
(Rebutia) **odehnalii** [w JJ Halda &V Seda] (Bolivia) 2002 (disc by JJ Halda, J Odehnal & V Seda & na J Odehnal).

†**Sosnowsky**, (Dr) Dmitrii [Dmitry] Ivanovich (1 Jul 1886–20 Apr 1953); {Sosn.}; Russian biologist; PhD in biology at Odessa Univ; connoisseur of Caucasian flora;
***species* nah:**
(Sempervivum) **sosnowskyi** (Georgia A) (desc & nah by SY Ter-Chatschaturova 1947 & disc by A Dzhavahishvily 1938).

Sotomayor, [Sotomayor Martin del Campo,] (Dr med) Jose Manuel; {Sotom.}; Mex physician specializing in nuclear medicine; interest in cacti 1980~; founder & pres of Sociedad Jalisciense para el estudio de las Cactaceas y otras Suculentas 1980; founder & pres of Sociedad Potosina de Cactaceas y Suculntas A.C. 1995, which started the Grupo San Luis Team 1996 that researches & inventories species of Cactaceae family growing in the State of San Luis Potosi; member of IOS;
Book [2004] *The Genus Turbinicarpus in San Luis Potosi* [w A Arredondo Gomez, FR Sanchez Barra & MM Mendez] Italian Cactus Soc; Eng; 147p w 166 color photos.

Soulaire, (Dr med) Jacques (1921–); {Soulaire}; French physician;
MD at Univ of Paris, France 1947;
Book [1948] *Cactus et Médecine* Paris, France; French; 182p + 5 color plates; (MD thesis).

Soule, (Dr) Oscar H; US botanist at Missouri Bot Gardens, St Louis;
PhD at Arizona State Univ 1969;
Book [1964] *The Saguaro Tree-hole Microenvironment in s Arizona* Tucson, Arizona; Eng; 75p; (MS thesis),

[1969] *Osmotic Concentration of Tissue Fluids in the Sahuaro Giant Cactus (Cereus giganteus)* Tucson; Eng; 196p; (PhD Thesis).

†**Sousa Sanchez**, Mario (19 Feb 1940–17 Jan 2017); Mex botanist;
botanist at UNAM, Mex; MA at Harvard Univ, Cambridge, Massachusetts 1970;
Book [1969] *Las Colecciones Botanicas de CA Purpus en Mexica, Periodo 1898–1925* Berkeley, Calif; Spanish; 36p.

South African Aloe & Succ Soc;
Book [1963] *Aloe* Pretoria, RSA; Eng/Afrikaans.

†**Spach**, Édouard [Edward] (23 Nov 1801–18 May 1879); {Spach}; French botanist & naturalist; worked at Paris Museum d'Histoire Naturelle 1829~ & curator 1854~;
Book [1846] *Histoire Naturelle des Végétaux Phanérogames*;
desc *genus*:
Cistanthe (Peru, Chile, Argentina, British Columbia, western US into Mex) 1836.

Spain, John Nicholls (23 Jul 1921–); US; Middlebury, Connecticut; salesman; founder & first pres of Connecticut C&SS 1978; specializes in cold hardy cacti & succulents 1959~;
Book [1992] *Growing Winter Hardy Cacti—In Cold/Wet Climate Conditions* Waterbury, Connecticut; Eng; 51p; (rev 1997, 71p w 25 color photos)

†**Spalding**, ES;
Book [1910] *The Water-Balance of Succ Plants* [w DT MacDougal] DC; Eng; 77p.

†**Spalding**, (Prof) (Dr) Volney Morgan (29 Jan 1849–12 Nov 1918); {Spalding}; US botanist & zoologist; PhD at Univ of Leipzig 1894; prof of botany & zoology at Michigan Univ 1876–1904; worked at Carnegie Institute bot laboratory in Tucson, Arizona 1905–09; first spouse Harriett [née Hubbard] Spalding;
second spouse Effie Almira [née Southworth] Spalding;
Book [1909] *Distribution & Movement of Desert Plants* DC; Eng; 144p.

†**Sparrman**, (Dr med) Anders [Andrew] (27 Feb 1748–9 Aug 1820); {Sparrm.}; Swedish physician & naturalist; MD at Uppsala Univ 1775; student of C Linnaeus; curator at Swedish Academy of Sciences 1780–97; botanized in Cape region 1772–76 & on African west coast & Cape Verde Islands 1787–88; wrote first personal account of S African interior travels published worldwide;
Book [1785] *A Voyage to the Cape of Good Hope...and Round the World...from 1772 to 1776* Sweden.

†**Sparshott**, EN;
Book [1935] *Observations on the formation, development & structure of the tuber of Testudinaria elephantipes*; 17p; (from Journal of Linnaean Soc).

Specks, Ernst (1954–); Ger nurseryman; owner of succ nursery *Exotica*, Erkelenz-Golkrath, Ger; explored in RSA, Namibia, Zimbabwe, Mada, Comoros, Malawi, Zambia, Tanzania, Kenya, Ethiopia, Nigeria, Cameroon, Somalia w spouse; spouse M Specks;
disc *species*:
(Brachystelma) **maritae** [w M Specks] (Tanzania) 1993 (desc by R Peckover 1996 & na Marita Specks),
(Euphorbia) **specksii** [w M Specks] (Tanzania) 1999 (desc by WHH Rauh 2000 & na E Specks),
(Rhytidocaulon) **arachnoideum** (Somalia) 2001 (desc by TA McCoy 2006);
desc *species*:
(Euphorbia) **gilbertiana** (Ethiopia) [w P Bisseret] 2006 (disc by E Specks 1999 & na MG Gilbert).

Specks, Marita; Ger; explored in Tanzania w spouse E Specks;
disc *species*:
(Brachystelma) **maritae** [w E Specks] (Tanzania) 1993 (desc by R Peckover 1996 & na Marita Specks),
(Euphorbia) **maritae** (Tanzania) 1999 (desc & nah by WHH Rauh 1999),
(Euphorbia) **specksii** [w E Specks] (Tanzania) 1999 (desc by WHH Rauh 2000 & na E Specks).

†**Spegazzini**, (Prof) (Dr) **Carlos** [Carlo] Luis [Luigi] (20 Apr 1858–1 Jul 1926); {Speg. or Spegazz.}; Italian botanist, mycologist & naturalist; graduate at the School of Viticulture & Enology in Conegliano, Venice, Italy 1879; to Argentina as assistant to natural science faculty at Univ of Buenos Aires 1879–96;
PhD at School of Agriculture at Univ of La Plata, Argentina 1897; prof of botany, phytopathology & agrochemistry at Univ of La Plata, Argentina 1897–12; dir of Biological Institute at La Plata 1912~; pub on cacti 1896~; collected in most of Argentina from north Salta Province to south Tierra del Fuego, but mainly in Patagonia;
Book [1896] *Congtribucion al Estudio de la Flora de la Sierra de la Ventana* La Plata; 86p;

desc *genera*:
Aylostera (Bolivia, Argentina) 1923 (syn of Rebutia K.SCHUMANN),
Maihueniopsis (Argentina Bolivia, Chile) 1925,
Parodia (Bolivia, Argentina, Brazil, Paraguay, Uruguay) 1923 (na D Parodi);
***species* nah:**
(Cereus) **spegazzinii** (Paraguay, Argentina, Bolivia, Brazil) (desc & nah by FAC Weber 1899),
(Gymnocalycium) **spegazzinii** (Argentina, Bolivia) (desc & nah by NL Britton & JN Rose 1922);
desc *species*:
(Calandrinia) **macrocarpa** (Tucuman) 1899 —> **Schreiteria macrocarpa** by RC Carolin 1985,
(Cereus) **thelegonoides** (Argentina) 1905 —> **Echinopsis thelegonoides** by H von Friedrich & GD Rowley 1974,
(Echinocactus) **baldianus** (Uruguay) 1905 (na J Baldi) —> **Gymnocalycium baldianum** by CL Spegazzini 1925,
(Echinocactus) **famatimensis** (Argentina) 1921 (disc by GHE Hieronymus & G Niederlein 1879) —> **Echinopsis famatimensis** by E Werdermann 1931,
(Echinocactus) **haematanthus** (Salta) 1905 —> **Echinopsis haematantha** by DR Hunt 1991,
(Echinocactus) **pygmaeus** (Uruguay, Argentina, Brazil) 1905 —> **Frailea pygmaea** by NL Britton & JN Rose 1922,
(Echinocactus) **thionanthum** (Argentina) 1905 —> **Echinopsis thionantha** by E Werdermann 1931,
(Echinopsis) **ancistrophora** (Argentina, Bolivia) 1905,
(Echinopsis) **mirabilis** (Argentina) 1905,
(Echinopsis) **saltensis** (Argentina) 1905,
(Echinopsis) **silvestrii** (Argentina) 1905 (na P Silvestri),
(Frailea) **bruchii** (Argentina) 1923 (disc by C Bruch 1918 & nah) —> **Gymnocalycium bruchii** by CC Hosseus 1926,
(Gymnocalycium) **stellatum** (Catamarca, Cordoba) 1925,
(Opuntia) **anacantha** (Argentina) 1904,
(Opuntia) **arechavaletae** (Uruguay) 1905 (na J Arechavaleta),
(Opuntia) **molinensis** (Salta) 1923 (disc by him) —> **Tephrocactus molinensis** by C Backeberg 1953,
(Opuntia) **weberi** (Argentina) 1905 (na FAC Weber) —> **Tephrocactus weberi** by C Backeberg 1936,
(Portulaca) **amilis** (Brazil, Paraguay, Bolivia, Peru, Argentina) 1921,
(Portulaca) **argentinensis** (Salta) 1917,
(Portulaca) **cryptopetala** (Brazil, Paraguay, Bolivia, Uruguay, Argentina) 1916,
(Pterocactus) **valentinii** (Argentina) 1899 (na J Valentin);
transfer *species*:
"Echinocactus microsperma" FAC Weber 1896) —> **Parodia microsperma** 1923;
desc *variety*:

(Echinocactus pygmaeus var) **phaeodiscus** (Brazil, Uruguay) 1905 —> **Frailea phaeodusca** by him 1923.

†**Sperling**, (Dr) Calvin Ross (7 Feb 1957–20 May 1995); {Sperling}; US ethnobotanist, ecogeographer & photographer; PhD at Harvard Univ 1987; plant explorer officer for USDA 1987~; traveled to over 40 countries, including Colombia, Ecuador, Peru, Bolivia, Brazil & central Asia; spouse Debra [née Gilmore] Sperling;
desc *species*:
(Anredera) **aspera** (Bolivia) 1996.

†**Sperry**, (Prof) (Dr) Omer Edison (1902–1975); {Sperry}; US botanist; PhD at St. Tea College, Peru, Nebraska 1934; prof of botany at Sul Ross State College, Alpine, Texas 1935 & prof at range science dept at Texas A&M Univ 1936–67; spouse Lois Blanche Sperry;
Book [1957] *Plants of Big Bend Natl Park* [w WB McDougall] DC; Eng; 209p.

†**Spoehr**, (Dr) Herman Augustus (18 Jun 1885–21 Jun 1954); US chemist & botanist; PhD in chemistry at Univ of Chicago 1909; chemical plant physiologist at Desert Laboratory of Carnegie Institution of Washington DC in Tucson, Arizona 1910–20; dir of natural sciences at Rockefeller Foundation 1930–31; spouse Florence [née Mann] Spoehr;
Book [1919] *The Carbohydrate Economy of Cacti* DC; Eng; 79p.

†**Sprague**, (Dr) Thomas Archibald (7 Oct 1877–22 Oct 1958); {Sprague}; Scottish botanist; on staff at Kew 1900–20; collected in Colombia & Venequela 1898–99 & India 1918; DSc in botany at Edinburgh Univ, Scotland 1927;
desc *species*:
(Corytholoma) **macropodum** (Brazil, Paraguay) 1908 —> **Sinningia macropoda** by HE Moore 1973,
(Pseudocedrela) **caudata** (Limpopo, Natal, Malawi, Botswana, Zimbabwe, Mozambique) 1908 —> **Entandrophragma caudatum** by TA Sprague 1910.

†**Sprechman**, David L (14 Sep 1905–29 Mar 1996); born in Canada; lawyer in New Jersey; student of succ 1960~, especially Lithops;
Book [1970] *Lithops* [w contributions by CB Dugdale, DT Cole & HW de Boer] Rutherford, New Jersey; Eng; 116p w 312 color photos.

†**Sprengel**, (Prof) (Dr med) **Kurt** [Curt, Curtius] Polycarp Joachim (3 Aug 1766–15 Mar 1833); {Spr. or Spreng.}; Ger physician & botanist; MD at Halle Univ 1787; prof of medicine & botany at Halle Univ 1787–97 & prof of botany 1797~; noted for bot work in plant-cell formation;
desc *genus*:
Aeollanthus (s half of Africa) 1825;
desc *species*:
(Aeollanthus) **suaveolens** (Ghana to Limpopo) 1825,

(Aizoon) **camforosma** (s Africa) 1827,
(Cactus) **scopa** (Brazil, Uruguay) 1825 —> **Parodia scopa** by NP Taylor 1987,
(Trianthema) **triquetra** (Australia, India, Namibia, RSA) 1825;
transfer *species*:
"Coleus amboinicus" (J de Loureiro 1790) —> **Plectranthus amboinicus** 1825,
"Dolichos tuberosus" (C de Lamarck 1786) —> **Pachyrhizus tuberosus** 1827.

†**Sprenger**, Carl [Charles] Ludwig (30 Nov 1846–13 Dec 1917); {Sprenger}; Ger botanist to Italy 1877; partner at Dammann & Co horticultural house, Naples, Italy 1877–1906; supervisor at Kaiser Wilhelm's *Achilleion* garden at palace on Corfu Island 1907~;
***species* nah:**
(Huernia) **sprengeri** (Ethiopia, Eritrea, Somalia, Sudan, Yemen) (desc by GA Schweinfurth 1893 & disc by RG Quartin-Dillon c1840) —> **Orbea sprengeri** by PV Bruyns 2001;
desc *species*:
(Echidnopsis) **dammanniana** (Ethiopia, Somalia, Kenya) 1892 (disc by AJO Penzig 1891);
transfer *species*:
"Ocimum hadiense" (P Forsskal 1775) —> **Plectranthus hadiensis** 1894,
"Stapelia macrocarpa" (A Richard 1851) —> **Huernia macrocarpa** 1892.

†**Springate**, Lawrence [Lawrie] Stephan (16 Mar 1951-23 Jun 2011); Eng; employed at Royal Botanic Gardens, Edinburgh; explored in Kenya 1991 & in Morocco, Pakistan & Portugal;
disc *species*:
(Aloe) **springatei-neumannii** (Kenya) (desc & nah & M Neumann by LE Newton 2011 & disc by L Springate 1999).

†**Spruce**, (Dr hc) Richard (10 Sep 1817–28 Dec 1893); {Spruce}; British bryologist & botanist; collected in S Amer (Amazon & Andes) 1849–64 (Ecuador 1857–63); honorary PhD at Academiae Germanicae Naturae Curiosum 1864; Fellow of Royal Geographical Soc 1866;
***species* nah:**
(Cotyledon) **sprucei** (Ecuador) (desc & nah by JG Baker 1869) —> **Echeveria quitensis** var **sprucei** by JKL von Poellnitz 1936,
(Peperomia) **sprucei** (Peru, Ecuador) (desc & nah by AC de Candolle 1866).

Spurny, Jiri;
Book [1992] *Choroby A Skudci Sukulentnich Rostlin A Ochrana Proti Nim*; Czech; 40p.

Squire, David; Eng horticultural journalist; studied botany & gardening at Hertfordshire College of Horticulture & at Royal Horticultural Soc Garden at Wisley;
Book [1994] *C&S: An Easy-to-follow Guide to their Cultivation & Care* Surrey, Eng; Eng; 64p; (w 212 sketches by illustrator Vana Haggerty).

St. Clair-Thompson, GW — See **Clair-Thompson**, GW St.

St. Hilaire, AFC — See **Saint-Hilaire**, AFC.

†**St. John**, (Prof) (Dr) Harold (25 Jul 1892–12 Dec 1991); {H.St.John}; US botanist; PhD at Harvard Univ, Cambridgem Massachusetts 1917; assistant at Gray Herbarium, Harvard Univ 1919–20; prof of botany at Washington State College, Pullman 1920–29 & at Univ of Hawaii, Honolulu 1929–58; collected world wide;
desc *species*:
(Brighamia) **rockii** (Hawaii Islands) 1969 (na J Rock),
(Calandrinia) **galapagosa** (Galapagos Islands) 1937 —> **Talinum galapagosum** by MA Hershkovitz 1991.

Stabbetorp, Odd Egil (1958–); Norwegian conservation biologist, ecologist & botanist; MSc at Univ of Oslo, Norway 1983; on staff at Norwegian Institute for Nature Research;
Book [2003] *Flowers of Ethiopia & Eritrea. Aloes & Other Lilies* [w Sebsebe Demissew & I Nordal] Addis Ababa; 227p.

Stacey, Joseph;
Book [1962] *Desert Beauty (The Story of Cactus)* [w C Jeanes] Chicago, Illinois; Eng; 32p.

†**Stade**, Hans;
Book [1911] *Beitrage zur Kenntnis des Hautgewebes von Euphorbia* Heide in Holstein, Ger; Ger; 48p; (dissertation).

†**Stafford**, Peter George [né George Leonard Sanford III]
(11 Apr 1939–20 Jul 2007); US writer specializing on psychedelics;
spouse Lynn Stafford;
Book [1980] *Meskalin, Peyote & Verwandte Kakteen* Erlbach; 72p.

†**Stafleu**, (Dr) Frans Antonie (8 Sep 1921–16 Dec 1997); Dutch taxonomist & bot bibliographer; PhD in botany at Univ of Utrecht, Netherlands 1948; prof of botany at Univ of Utrecht; founding member of IAPT; first editor of journal 'Taxon' 1951–92;
Book [1971] *Linnaeus & the Linnaeans – the spreading of their ideas in systematic botany 1735–89* Utrecht; 386p.

†**Stahl**, (Prof) (Dr) Christian Ernst (21 Jun 1848–3 Dec 1919); Alsatian (Ger) botanist; PhD at Strassburg Univ 1874; prof of botany at Jena Univ 1881~;
collected in Java 1889–90 & in Mex 1894;
***species* nah:**
(Sedum) **stahlii** (Puebla) (desc & nah by HMC Solms-Laubach 1900).

†**Stainton**, John David **Adam** (1 Mar 1921–1991); British botanical author on Nepal; explored & collected in Nepal;
species nah:
(Caralluma) **staintonii** (Nepal) (desc & nah by H Hara 1977).

†**Stalheim**, Th; Swedish book publisher;
Book [1932] *Kaktus* Uddevalla, Sweden; Swedish; 31p.

†**Standley**, **Paul** Carpenter (21 Mar 1884–2 Jun 1963); {Standl.}; US systematic botanist & lichenologist; MSc at New Mex State College 1908; botanist at US Natl Museum, Smithsonian Institute 1909–28; curator at Field Museum of Natural History, Chicago, Illinois 1928–50;
bot explorer of Central & western N Amer, Costa Rica & Guatemala;
prolific writer of some 260 papers & articles; a 1963 *Homage to Standley* 115-pg booklet provides papers written in honor of PC Standley by number of botanists; CSSA Fellow award 1941;
Book [1915] *Flora of New Mexico* [w E Wooten] DC; Eng; 794p,
[1928] *Flora of the Panama Canal Zone* DC; Eng; 416p;
[1946] *Flora of Guatemala* [w JA Stayermark] Chicago, Illinois; Eng; 491p;
desc *genera*:
Bonifazia [w JA Steyermark] 1944 (syn of Disocactus LINDLEY),
Pachycormus (Baja Calif) 1923;
***species* nah:**
(Lemaireocereus) **standleyi** (Guerrero to Sinaloa) (desc & nah by J Gonzalez Ortega 1929) —> **Stenocereus standleyi** by F Buxbaum 1961,
(Matelea) **standleyana** (Veracruz, Oaxaca, Chiapas) (desc & nah by RE Woodson 1941),
(Neomammillaria) **standleyi** (Sonora) (desc & nah by NL Britton & JN Rose 1923 & disc by JN Rose, PG Russell & PC Standley 1910) —> **Mamm standleyi** by CR Orcutt 1926;
disc *species*:
(Echinocereus) **perbellus** [w JN Rose] (Texas, Oklahoma, Colorado, New Mex) 1910 (desc by NL Britton & JN Rose 1922) —> **Echinocereus reichenbachii** ssp **perbellus** by NP Taylor 1997,
(Echinocereus) **scopulorum** [w JN Rose & PG Russell] (Sonora) 1910 (desc by NL Britton & JN Rose 1922),
(Jatropha) **malacophylla** (Arizona, Sonora, Sinaloa) 1924,
(Lemaireocereus) **montanus** [w JN Rose & PG Russell] (Sonora) 1910 (desc by NL Britton & JN Rose 1920) —> **Stenocereus montanus** by F Buxbaum 1961,
(Neomammillaria) **sheldonii** [w JN Rose & PG Russell] (Sonora) 1910 (desc by NL Britton & JN Rose 1923 & na C Sheldon) —> **Mamm grahamii** ssp **sheldonii** by DR Hunt 2005;
desc *species*:
(Agave) **neomexicana** [w EO Wooton] (New Mex, Texas into Mex) 1913,
(Bonifazia) **quezalteca** [w JA Steyermark] (Guatemala) 1944 (disc by PC Standley 1941)

—> **Disocactus quezaltecus** by MW Kimnach 1959,
(Echeveria) **macrantha** [w JA Steyermark] (Guatemala) 1944 (disc by JA Steyermark 1939),
(Echeveria) **steyermarkii** (Guatemala) 1944 (na JA Steyermark),
(Sedum) **salvadorense** (El Salvador) 1923,
(Talinum) **cymbosepalum** [w JN Rose] (Oaxaca) 1911,
(Talinum) **longipes** [w EO Wooton] (New Mex) 1913,
(Talinum) **longipes** [w EO Wooton] (New Mex, Texas) 1913,
(Talinum) **multiflorum** [w JN Rose] (Durango) 1911,
(Talinum) **palmeri** [w JN Rose] (Durango) 1911 (na E Palmer),
(Talinum) **parvulum** [w JN Rose] (Durango) 1911,
(Vincetoxicum) **cyclophyllum** (Mex) 1924 —> **Matelea cyclophylla** by RF Woodson 1941,
(Yucca) **baileyi** [w EO Wooton] (Utah, Colorado, Arizona, New Mex) 1913,
(Yucca) **neomexicana** [w EO Wooton] (Colorado, New Mex) 1913 —> **Yucca harrimaniae** var **neomexicana** by JL Reveal 1977;
transfer *species*:
"Commelina multiflora" (M Martens & HG Galeotti 1842) —> **Callisia multiflora** 1925,
"Schinus discolor" (G Bentham 1844) —> **Pachycormus discolor** 1923,
"Terebinthus arida" (JN Rose 1906) —> **Bursera arida** 1929.

Standring, Elizabeth T; MS at Univ of Arizona, Tucson 1940;
Book [1940] *Some Organisms Associated w Diseases of Giant Cactus, Carnegiea gigantea* Tucson, Arizona; Eng; 29p; (MS thesis).

†**Stanford**, Kate Canova (Sep 1881–2 Oct 1952); Eng to RSA horticulturist; owner of *Bloemerf Nursery*, Banhoek (near Stellenbosch, RSA) 1930s; explored & collected in RSA;
***species* nah:**
(Hereroa) **stanfordiae** (Northern Cape) (desc & nah by HML Bolus 1935),
(Lampranthus) **stanfordiae** (Western Cape) (desc & nah by HML Bolus 1939).

Stanik, (Dr) Roman (fl. 1996); {Stanik}; Czech Rep; IOS member 1987;
Book [1992] *Leksykon Kaktusow* = "Everything About Cacti" [w A Lux] Warzawa, Poland; Czech; 95p w 114 color photos,
[1992] *Vsechno o Kaktusech* [w A Lux] Bratislava, Slovakia; 96p w 114 color photos,
[1992–94] *Obrazkovy Minilexikon Sukulentov* [w J Matis, A Lux & I Drab] Bratislava, Czech Rep; Czech/Ger/Spanish/Eng;
[1992] Vol 1, 64p;
[1994] Vol 2, 72p,
[1996] *Rod Turbinicarpus* [w M Zachar, A Lux & I Drab] Bratislava, Slovakia; Czech; 101p w 74 color photos.

†**Stanley**, [né Rowlands, John] Henry Morton (28 Jan 1841–10 May 1904); Welsh journalist & explorer; explored in Africa is search of David Livingston;
***species* nah:**
(Mesemb) **stanleyi** (Eastern Cape, Western Cape) (desc & nah by HML Bolus 1927) —> **Chasmatophyllum stanleyi** by HEK Hartmann 2001.

Stapel, JB van - See **Stapelius**, JB.

†**Stapelius**, (Dr med) Johannes Bodaeus [latinized form of Jan Bode van Stapel or à Stapel,] (1602–1636); Dutch physician & botanist; medical graduate at Leiden Univ, Netherlands 1625; worked on an annotated edition of the bot works of Theophrastus; explored & collected in Far East (Java) 1624;
Book [1644] *Theophrasti eresii de Historiae Plantarum Libri X*; w 10 drawings by J Heurnius 1624, including *Cotyledon orbiculata* & *Stapelia variegata*; (pub after his death by father Egbert Bodaeus Stapelius in Amsterdam);
***genus* nah:**
Stapelia (RSA, Namibia, Tanzania, Zambia, Angola, Mozambique, Botswana, Zimbabwe) (desc & nah by C Linnaeus 1753);
desc *species (pre Linnaeus)*:
(Fritillaria) **crassa** (Western Cape) 1634 (C Linnaeus desc this plant as **Stapelia variegata** 1753) (disc by J Heurnius 1624) —> **Orbea variegata** by AH Haworth 1812.

†**Stapf**, (Dr) Otto (23 Mar 1857–3 Aug 1933); {Stapf}; Austrian botanist; PhD at Univ of Vienna 1908; assistant at Kew 1891–1909 & keeper of herbarium at Kew 1909–22; FLS 1908 & bot secretary of Linnean Soc 1908~; FRS 1908;
editor of *Curtis' Bot Magazine* & *Index Londinensis* at Kew 1922~;
Linnean Medal 1927; VMH 1928; spouse Martha [née Beranek] Stapf;
desc *genera*:
Elaeophorbia (western Tropical Africa, Guinea, Angola) 1906,
Rosularia (eastern Mediterranean, Asia Minor, Near East, Karakorum) 1923 (upgraded from *Umbilicus* Section *Rosularia* AP de Candolle 1828),
Uncarina (Mada) 1895;
***species* nah:**
(Euphorbia) **stapfii** (Uganda) (desc & nah by A Berger 1907 & disc by MT Dawe),
(Sedum) **stapfii** (India, Bhutan, Tibet) (desc & nah by Raymond-Hamet 1913) —> **Rhodiola stapfii** by SH Fu 1965;
desc *species*:
(Adenium) **oleifolium** (Namibia, Northern Cape, Botswana) 1907 —> **Adenium obesum** ssp **oleifolium** by GD Rowley 1980,
(Adenium) **swazicum** (Swaziland, Natal) 1907 —> **Adenium obesum** ssp **swazicum** by GD Rowley 1980,
(Delosperma) **ornatulum** (Orange Free State, Cape) 1931,
(Elaeophorbia) **drupacea** (Ghana, Sierra Leone) 1906,

(Euphorbia) **anoplia** (Cape) 1923 (disc ≈1895),
(Kitchingia) **uniflora** (Mada) 1908 —> **Kalanchoe uniflora** by Raymond-Hamet 1910,
(Leptaloe) **albida** (Mpumalanga) 1933 —> **Aloe albida** by GW Reynolds 1947,
(Monadenium) **echinulatum** (Tanzania) 1900,
(Monadenium) **laeve** (Malawi, Tanzania) 1900 (disc by A Whyte 1897),
(Pterodiscus) **elliottii** (Zambia, Zimbabwe) 1906 (na CF Elliott),
(Pterodiscus) **ngamicus** (Botswana, Mozambique, Namibia, Zimbabwe, Limpopo, North-West, Mpumalanga, Northern Cape) 1906,
(Raphionacme) **utilis** [w NE Brown] (Angola, Zimbabwe) 1908,
(Sansevieria) **dawei** (Uganda) 1906 (na MT Dawe);
transfer *species*:
"Euphorbia drupifera" (P Thonning 1827) —> **Elaeophorbia drupifera** 1906,
"Harpagophytum peltatum" (JG Baker 1890) —> **Uncarina peltata** 1895.

†**Stapff**, (Dr) Friedrich Moritz (26 Oct 1836–17 Oct 1895); Ger geologist & mining engineer; PhD at Jena Univ, Ger 1861; explored in Namibia 1885–86;
disc *species*:
(Aloe) **asperifolia** (Namibia) 1885–86 (desc by A Berger 1905),
(Trichocaulon) **pedicellatum** (Angola, Namibia) c1886 (desc by H Schinz 1888) —> **Hoodia pedicellata** by DCH Plowes 1992.

Staples, Charles [**Chuck**] Jimmy (1 Nov 1932–); US c&s hobbyist & historian in Des Moines, Iowa; BS in mathematics & history at Ft. Hays State College, Hays, Kansas 1959; worked at insurance company in retirement plans dept, Des Moines 1959–92; amateur c&s hobbyist w spouse 1978~; member 1978 & editor of Mid-Iowa C&SS newsletter 1979–2008; CSSA member 1980, attended conventions 1981~, w spouse .1983~ (exception 2011, 2017 & none after that) & joined pre-convention tour half way down Baja California w spouse in 1997; attended regional Mid-States Conferences 1986~; Mid-Iowa C&SS & CSSA show judge 1980s~; writer for 'Winter Hardy C&S Association' journal 2001–05 & other various journals & newsletters; historical quizzes & other historical articles in CSSA Journal & 'To The Point' newsletter 2000~; CSSA Superior Service award 2003; appointed CSSA Historian 2005 w history of officers, conventions, awards & other items in CSSA Archives co-website; CSSA Fellow award 2015; spouse Connie Fay [née Nelson] Staples (3 Apr 1939–);
Book [2013] *A Historical Record of Authors of Cactus & Succulent "Plant Names" & "Books" [with other 'limited' historical data] for the Amateur Hobbyist* Des Moines, Iowa; Eng; (in 2 Vols);
Vol 1, A-K; 353p;
Vol 2, L-Z; 326p.

Starha, [Štarha,] Roman;
Book [2013] *Aloe* Bratislava, Slovenia; Czech; 216p w 430 color photos.

†**Stark**, (Prof) Peter (1888–1932);

***species* nah:**

(Haworthia) **starkiana** (Western Cape) (desc & nah by JKL von Poellnitz 1933) —> **Haworthia scabra** var **starkiana** by MB Bayer 1999.

Starke, Winfried (1939–); Ger informatic & electronic engineer; specialist in growing crested forms of succ plants;
Book [1953] *Kakteen und Sukkulenten* Hannover; 32p.

Starr, Greg Dirk (15 Oct 1957–); US horticulturist; MS in horticulture at Univ of Arizona 1985; owner of *Starr Nursery*, Tucson, Arizona 1985~; collected in US & Mex; explored in RSA 2002;
Book [2009] *Cool Plants for Hot Gardens* Tucson; Eng; 328p,

[2012] *Agaves: Living sculptures for landscapes & containers* Portland, Oregon; Eng; 342p w 220 color photos;

[2015] *Field Guide to Cacti & Other Succulents of Arizona* [w P Breslin, R Romero & V Watkins] Tucson, Arizona; Eng; 302p w many color photos; (2nd edition 2017 w 302p & 417 color photos, 29 maps);

desc *species*:

(Agave) **ovatifolia** [w JA Villarreal] (Nuevo Leon) 2002 (disc by JA Villarreal, MA Carranza & JA Encina 2001),

(Hesperaloe) **campanulata** (Nuevo Leon) 1997,

(Hesperaloe) **tenuifolia** (Sonora) 1997;

desc *subsp*:

(Agave parviflora ssp) **densiflora** [w TR van Devender] (Sonora) 2011 (disc by GD Starr & A Douglas 1998),

(Hesperaloe funifera ssp) **chiangii** (San Luis Potosi) 1997 (na F Chiang) —> **Hesperaloe chiangii** by BL Turner 2002.

†**Stayner**, Frank [Francis?] J (12 Jul 1907–1981); RSA horticulturist; student gardener at Kew 1932–34; superintendent of parks in Port Elizabeth Parks Dept, RSA 1935–46; curator of Karoo Bot Garden at Worcester, RSA 1959–69; succ enthusiast & specialist;

***genus* nah:**

Stayneria (Cape) (desc & nah by HML Bolus 1961);

***species* nah:**

(Amphibolia) **stayneri** (Cape) (desc & nah by HR Tolken & JP Jessop 1976) —> **Phiambolia stayneri** by C Klak 2003,

(Echinus) **stayneri** (desc & nah by HML Bolus 1964) —> **Braunsia stayneri** by HML Bolus 1965,

(Lampranthus) **franciscii** (Western Cape) (desc & nah by HML Bolus 1961) —> **Phiambolia franciscii** by C Klak 2003,

(Lampranthus) **neostayneri** (Western Cape) (desc & nah by HML Bolus 1960),

(Mesemb) **stayneri** (Eastern Cape) (desc & nah by HML Bolus 1925) —> **Lampranthus**

stayneri by NE Brown 1930,
(Machairophyllum) **stayneri** (Eastern Cape) (desc & nah by HML Bolus 1960),
(Pectinaria) **stayneri** (Western Cape) (desc & nah by MB Bayer 1975) —> **Neopectinaria stayneri** by DCH Plowes 2003,
(Ruschia) **stayneri** (Northern Cape) (desc & nah by HML Bolus 1961) —> **Antimima stayneri** by HEK Hartmann 1998,
(Trichodiadema) **stayneri** (Eastern Cape) (desc & nah by HML Bolus 1961);
disc *species*:
(Conophytum) **arthurolfago** (Richtersveld) (desc by SA Hammer 2002 & na Arthur Tischer & Rolf Rawe),
(Lampranthus) **affinis** (Western Cape) 1961 (desc by HML Bolus 1962),
desc *subsp*:
(Huernia pillansii ssp) **echidnopsioides** (Eastern Cape) 1962 (desc by LC Leach 1968) —> **Huernia longii** ssp **echidnopsioides** by PV Bruyns 1984.

†**Stearn**, (Dr hc) Wm Thomas (16 Apr 1911–9 May 2001); {Stearn}; British botanist, bot historian, nomenclaturist & bibliographer; librarian at Royal Horticultural Soc 1933–41 & 1946–52; senior principal scientific officer at dept of botany at British Museum of Natural History, London, Eng 1952–76; honorary DSc at Leiden Univ 1960, honorary DSc at Cambridge 1967 & honorary PhD at Uppsala Univ 1972; contributed over 430 publications on horticulture; drafted first edition of the International Code on Nomenclature for Cultivated Plants in 1952; world authority on C Linnaeus; FLS 1934; Linnean Soc of London gold medal award 1976 & pres 1979–82; VMH 1965; received Asa Gray award from Amer Soc of Plant Taxonomists 2000;
Book [1940] *An Annotated Index to Salm-Dyck's "Monographia Generum Aloes et Mesemb* Bedford, Eng; Eng; 32p; (from The Cactus Journal, Vol 7, #2&3 (1938–39),
[1950] *The Art of Botanical Illustration* [w W Blunt],
[1966] *Adrian Hardy Haworth (Complete Works on Succ Plants)* London; Eng; 1,752p; (editor of AH Haworth's writings from 1794–21 – in 5 Vols),
[1966] *Botanical Latin* London, Eng; Eng; (rev 1983, 566p),
[1972] *Stearn's Dictionary of Plant Names for Gardeners* London; Eng; (rev 1996, 363p);
transfer *species*:
"Aloe marginata" (C de Lamarck 1783) —> **Haworthia marginata** 1938,
(Cassyt(h)a) **baccifera** (JS Mueller 1771) —> **Rhipsalis baccifera** 1939.
"Mesemb erigeriflorum" (NJ von Jacquin 1804) —> **Drosanthemum erigeriflorum** 1939,
"Mesemb hirsutum" (AH Haworth) —> **Trichodiadema hirsutum** 1939,
"Sempervivum simsii" (R Sweet 1818) —> **Aeonium simsii** 1951.

†**Stebbins**, (Prof) (Dr) George Ledyard, Jr (6 Jan 1906–19 Jan 2000); {Stebbins}; US botanist & geneticist; PhD in botany at Harvard Univ, Cambridge, Massachusetts 1931; prof of genetics at Univ of Calif, Berkeley 1935–50; prof of genetics dept at Univ of Calif, Davis 1950–63;
pres of Calif Native Plant Soc; Linnean Medal 1973;

species **nah:**
(Lewisia) **stebbinsii** (Calif) (desc & nah by RW Gankin & WR Hildreth 1968);
desc *species*:
(Lewisia) **serrata** [w LR Heckard] (Calif) 1974 —> **Lewisia cantelovii** var **serrata** by S Hogan & MA Hershkovitz 2001.

Stedje, (Prof) (Dr) Brita (1956–); Norwegian botanist; PhD 1988; prof at bot garden, Univ of Oslo, Norway; explored in Zimbabwe 1994 & 1997, in Malawi & Zambia 2002 & 2003, in Ethiopia, RSA & Botswana 2003 & in Kenya 2005;
Book [1996] *Hyacinthaceae* part from *Flora of Tropical East Africa* Rotterdam, Netherlands; Eng.

Steeg, MG van der; {Steeg};
desc *species*:
(Parodia) **penicellata** [w H Fechser] (Salta) 1960 (disc by H Fechser 1951).

Steenbergh, Warren F; US botanist; MS at Univ of Arizona, Tucson 1974; worked at Saguaro Natl Monument, Arizona;
Book [1967] *Critical Factors During the First Years of Life of the Saguaro (Cereus giganteus) at Saguaro Natl Monument* Tucson, Arizona; Eng; 51p; (MS thesis),
[1974] *The Saguaro Giant Cactus—A Bibliography* San Francisco, Calif; Eng; 24p,
[1976–83] *Ecology of the Saguaro* [w CH Lowe] DC; Eng;
[1976] Part I; 43p;
[1977] Part II, 242p;
[1983] Part III, 228p,
[1977] *Ecological Investigation of Natural Community Status - Organ Pipe Cactus Nat'l Monument* Tucson, Arizona; Eng; 152p.

†**Steenis**, (Prof) (Dr) Cornelis Gijsbert Gerrit Jan van (31 Oct 1901–14 May 1986); {Steenis}; Dutch botanist; PhD at Utrecht Univ 1927; botanist in Buitenzorg (Bogor), Java Island, Indonesia 1927–46; prof of tropical botany in Amsterdam 1951 & of floristics of Malesian flora in Leiden 1953; dir of Leiden Rijksherbarium 1962–72; editor of *Flora Malesiana* 1947–73;
desc *species*:
(Neoalsomitra) **podagrica** (Lesser Sunda Islands of Indonesia) 1955;
transfer *species*:
"Boussingaultia cordifolia" (M Tenore 1853) —> **Anredera cordifolia** 1957.

†**Steer**, EJ;
Book [1925] *A Book of S African Flowers* [w HML Bolus & D Barclay] Cape Town, RSA; Eng; 174p,
[1936] *A Second Book of S African Flowers* [w HML Bolus & D Barclay] Cape Town; Eng; 214p.

†**Stefanov**, [Stefanoff,] Boris (8 Jun 1894–12 Dec 1979); {Stef.}; Bulgarian botanist; attended Univ of Sofia, Bulgaria & became a prof at farming botany dept 1921–28 & prof of dendrology 1928~; spouse Raina [née Stefanova] Stefanov;
desc *species*:
(Sedum) **stefco** (Yugoslavia, Bulgaria, Greece) 1946,
(Sedum) **tuberiferum** [w NA Stojanov] (Bulgaria, Serbia, Macedonia, Greece) 1934.

Steffens, (Prof) (Dr) Françoise E; RSA statistician & Horticulturist; DSc at Potchefstroom Univ 1969; research officer at Natl Research Institute for mathematical sciences ≈1973 & prof of statistics at Univ of S Africa, Pretoria, RSA 1973~; editor of "Aloe" journal of Succ Soc of S Africa 1976–77 & 1990~; member of Bot Soc of S Africa, S Africa Aloe & Succ Soc, CSSA & Wildlife Soc of S Africa;
Book [1997] *List of Southern African Succ Plants* [w EJ van Jaarsveld, TH Arnold, GF Smith, RD Dixon, JA Retief] Pretoria; Eng; 175p; (editors of).

†**Stein**, Berthold (23 Mar 1847–27 Feb 1899); {Stein}; Ger botanist, lichenologist & gardener; curator of Berlin bot garden ≈1873, of Innsbruck bot garden 1873–80 & of Breslau bot garden 1880–90; co-editor of *Gartenflora* 1882–90;
desc *species*:
(Pelecyphora) **pectinata** (Puebla) 1885 —> **Solisia pectinata** by NL Britton & JN Rose 1922.

†**Steinbach**, José [né Joseph Steinback Kemmerick,] (1875–1930); Ger naturalist; to Bolivia 1904–29; collected flora & fauna in Bolivia & Argentina 1904~; spouse Juana [née Moreno-Jimenez] Steinbach;
***species* nah:**
(Rebutia) **steinbachii** (Bolivia) (desc & nah by E Werdermann 1931);
disc *species*:
(Peperomia) **carnifolia** (Cochabamba) (desc by TG Yuncker 1953).

†**Steinecke**, Karl (fl. 1936–51); Ger; had succ nursery at Ludwigsburg near Stuttgart, Ger;
***species* nah:**
(Lithops) **steineckeana** (raised from seed in his nursery & desc by A Tischer 1951).

†**Steiner-Bernier**, Madeleine;
Book [1936] *Contribution A L'Etude du Peyotl (Echinocactus williamsii)* Paris, France; French; 70p; (thesis).

†**Steinheil**, Adolphe [Adolph, Adolf] (1810–1839); {Steinh.}; Frenchman; collected in Algeria 1833–34;
desc *genus*:
Urginea (Africa, India) 1834.

†**Steinmann**, (Dr) Johann Heinrich Conrad Gottfried **Gustav**
(9 Apr 1856–7 Oct 1929); {Steinm.}; Ger paleontologist & geologist; explored in S Amer;
***species* nah:**
(Echinocactus) **steinmannii** (Bolivia) (desc & nah by HMC Solms-laubach 1907)
—> **Rebutia steinmannii** by NL Britton & JN Rose 1922.

Steinmann, Victor W; {V.W.Steinm.}; US;
Rancho Santa Ana Bot Garden, Claremont, Calif;
desc *species*:
(Euphorbia) **gradyi** [w A Ramirez-Roa] (Oaxaca, Puebla) 1999 (disc by J Rzedowski 1959 & na Grady L Webster).

†**Stel**, **Simon** van der (14 Oct 1639–24 Jun 1712); The Netherlands to RSA 1679; horticulturist, gardener & farmer; commander of 1685–86 expedition to explore the Copper Mtns of Namaq where these four Aloes were collected and drawn by artist H Claudius: *Aloe arborescens, A. dichotoma, A. variegata & A. melanacantha.* (These were much later desc by various authors with both pre- & post-Linnaeus bot names.) He became commander & first Governor of Cape of Good Hope 1679–99; founded settlement of Stellenbosch & …….world famous Dutch East India Company Garden where HB Oldenland was Superintendent; sent seeds & plants to Amsterdam & Leiden, Netherlands; spouse Johanna Jacoba [née Six] Stel (1645–1700). (See book by G Waterhouse.)

Stenberg, Molly Peacock; US student of peyotism on the Wind River Reservation for 7 yrs; MS from Univ of Wyoming 1946;
Book [1946] *The Peyote Culture Among Wyoming Indians* Laramie, Wyoming; Eng; 71p.

Stenman, Katarina (1936–); Swedish botanist & nurserperson; owner [w A Wennstrom] of nursery *Botanova*; curator of bot garden at Umeå Univ, Sweden c1988~; interested in Hoyas;
Book [2008] *The Genus Hoya—Species & Cultivation* [w A Wennstrom] Umea, Sweden; Eng; 144p w 250+ color photos.

†**Stent**, (Miss) Sydney Margaret (11 Oct 1875–19 Apr 1942); {Stent}; Pretoria, RSA; self taught botanist & specialist in grasses; caretaker of herbarium & agrostologist at Division of Botany in Transvaal Dept of Agriculture 1904–30 & at Rhodesian Dept of Agriculture, Salisbury 1930–34;
disc *species*:
(Ceropegia) **stentiae** (Gauteng, North-West) (desc & nah by EA Bruce 1936);
desc *species*:
(Caralluma) **carnosa** (Northern Prov, Gauteng) 1916 (disc by IB Pole-Evans c1914)
—> **Orbea carnosa** by PV Bruyns 2001,
(Huernia) **transvaalensis** (Northern Prov, North-West, Gauteng) 1914 (disc by IB Pole-Evans 1913,

(Huernia) **verekeri** (Zambia, Zimbabwe, Malawi, Botswana, Mozambique, Namibia) 1933 (disc by DH Townley & na LSA Vereker).

†**Step**, Edward (11 Nov 1855–8 Nov 1931); Eng naturalist & writer on botany, entomology & conchology; employed by number of publishing firms; FLS 1896;
Book [1896–97] *Favourite Flowers of Garden & Greenhouse* London & NY; Eng; in 4 Vols;
[1897) Vol 2 includes plates of Crassula falcate, Cotyledon secunda var glauca, Sempervivum arachnoideum, Sedum sieboldii, Sedum sarmentosum, Mammillaria pusilla, Mammillaria rhodantha & Opuntia vulgaris [humifusa];
[1897] Vol 4 includes plate of Aloe arborescens.

†**Stephan**, (Prof) (Dr med) Christian Friedrich (17 Feb 1757–17 Dec 1814); {Stephan}; Ger botanist & physician; MD at Leipzig Univ 1782; prof of botany & chemistry in Moscow ≈1811; dir of Forestry Institute, St. Petersburg, Russian 1811~;
species **nah:**
(Sedum) **stephanii** (Siberia) (desc & nah by LKA von Chamisso 1831) —> **Rhodiola stephanii** by ER von Trautvetter & CA Meyer 1856.

†**Stephan**, Paul (fl. 1927–1937); {P.Stephan}; Ger gardener; in charge of succ at Hamburg Botanic garden; worked w MHG Schwantes;
species **nah:**
(Conophytum) **stephanii** (Little Namaq) (desc & nah by MHG Schwantes 1929 & disc by M Schlechter),
(Mesemb) **stephanii** (RSA) (desc & nah by MHG Schwantes 1927) —> **Lampranthus stephanii** by MHG Schwantes 1938;
desc *species*:
(Cotyledon) **buchholziana** [w H Schuldt] (Namibia, Northern Cape) 1937 (disc by M Schlechter) —> **Tylecodon buchholzianus** by HR Tolken 1978.

†**Stephens**, Edith Layard (6 Dec 1884–2 Mar 1966); {Stephens}; RSA botanist; BA in botany at Univ of Cape of Good Hope 1906; lecturer in botany at Univ of Cape Town 1911–40; honorary reader in plant taxonomy at Bolus Herbarium 1952~; specialized in freshwater algae & fungi; collected in RSA, Namibia & Zimbabwe;
desc *genus*:
Ceraria [w WH Pearson] (Namibia, RSA) 1912;
species **nah:**
(Hymenogyne) **stephensiae** (Cape) (desc & nah by NE Brown 1928);
desc *species*:
(Anacampseros) **namaquensis** [w WH Pearson] (Northern Cape) 1912 —> **Anacampseros filamentosa** ssp **namaquensis** by GD Rowley 1994,
(Ceraria) **fruticulosa** [w WH Pearson] (Namibia, RSA) 1912,
(Ceraria) **gariepina** [w WH Pearson] (Northern Cape) 1912;

transfer *species*:
"Portulacaria namaquensis" (OW Sonder 1862) —> **Ceraria namaquensis** [w WH Pearson] 1912.

Stephenson, Ray (1947–); {R.Stephenson}; British schoolmaster 1969–2000; founded Sedum Soc in Eng w RL Evans & Keith Powell 1987;
editor of Sedum Soc Newsletter 1991~; explored in Portugal, Spain, Slovenia, Italy, Austria, Bulgaria, Anatolia, France, Corsica, Greece, Ionian Islands, Crete, Cyprus & Tunisia; large collection of stonecrops (Sedum & related genera), including many of his own cultivars; BCSS Robert Holt Meritorious award ____; IOS member 1998;
Book [1994] *Sedum: Cultivated Stonecrops* Portland, Oregon; Eng; 335p w 109 color photos.

Sternberg, (Dr) Lionel O'R; US; PhD at Univ of Calif, Riverside 1978;
Book [1978] *Microbody Malate Dehydrogenase in Opuntia basilaris* Riverside, Calif; 142p; (PhD thesis).

†**Stetson**, Francis Lynde (23 Apr 1846–5 Dec 1920); US NY attorney & amateur botanist; law degree at Columbia Law School 1869; supporter of NY Bot Garden;
***genus* nah:**
Stetsonia (desc & nah by NL Britton & JN Rose 1920).

†**Steudel**, (Dr med) Ernest Gottlieb von (30 May 1783–12 May 1856); {Steud.}; Ger botanist & physician; MD at Türbingen Univ 1805; physician in Esslingen 1806~;
founder, w CF Hochstetter, of 'Botanischer Reiseverein' in Esslingen 1825;
Book [1821–24] *Nomenclatur Botanicus* Stuttgart, Ger; Latin; (in 2 Vols); cacti section of 37p;
[1821] Vol 1; 900p;
[1824] Vol 2; 450p;
(revised 1840–41 in 2 Vols;)
[1840] Vol 1; 852p;
[1841] Vol 2; 810p;
transfer *species*:
"Cactus teres" (JM de C Vellozo 1829) —> **Rhipsalis teres** 1841,
"Cheiranthus carnosus" (CP Thunberg 1800) —> **Heliophila carnosa** 1840,
"Conchophyllum imbricatum" (CL von Blume 1826) —> **Dischidia imbricata** 1840,
"Geranium proliferum" (NL Burman 1759) —> **Pelargonium proliferum** 1841,
"Polyactium anethifolium" (CF Ecklon & CLP Zeyher 1835) —> **Pelargonium anethifolium** 1841,
"Polyactium radulifolium" (CF Ecklon & CLP Zeyher 1835) —> **Pelargonium radulifolium** 1841.

†**Steudner**, (Dr med) Julius Carl Theodor Hermann (9 Jan 1832–10 Apr 1863); {Steud.}; Ger physician, natural scientist & botanist; MD at Wuerzburg, Ger 1854; explored Nile tributaries in western Sudan, & in Ethiopia;

disc *species*:
(Aloe) **steudneri** (Ethiopia) 1862 (desc & nah by GA Schweinfurth 1894).

†**Steven**, Christian von (19 Jan 1781–30 Apr 1863); {Steven}; Finnish-Russian botanist & entomologist; worked in silkworm industry in Russia & Caucasia;
***species* nah:**
(Sedum) **stevenianum** (Caucasia) (desc & nah by G Camus & GCC Rouy 1901)
—> **Phedimus stevenianus** by H 't Hart 1995.

Stevens, J;
disc *species*:
(Euphorbia) **turkanensis** (Kenya) 1948 (desc by S Carter Holmes 1982).

Stevens, (Dr) Jan Frederik (10 May 1966–); Dutch pharmacist & phytochemist; PhD at Univ of Groningen, The Neterlands 1995;
Book [1995] *The systematic & Evolutionary Significance of Phytochemical Variation in the Eurasian Sedoideae & Sempervivoideae (Crassulaceae)* Groningen; 210p; (thesis).

Stevens, (Prof) (Dr) Peter Francis (1944–); {P.F.Stevens); British botanist to US; PhD in biology at Edinburgh Univ 1970; botanist at dept of forests, Papua New Guinea 1970–73; assistant, associate & full prof of biology & curator of Arnold Arboretum & Gray Herbarium, Harvard Univ, Cambridge, Massachusetts 1973; researcher at Missouri Bot Gardens & prof of biology at Univ of Missouri, St. Louis;
***species* nah:**
(Anthorrhiza) **stevensii** (Papua New Guinea) (desc & nah by CR Huxley & HMP Jebb 1991).

†**Stevens**, Stanford Huntington (5 Oct 1897–20 Dec 1974); US artist w degree in fine arts at Harvard Univ; first spouse Dorothy [née Derby]; second spouse Dorcy Cole [née Corbin] Corbin-Stevens;
Book [1939] *Plants of Sun & Sand (The Desert Growth of Arizona)* Tucson, Arizona; Eng; 46p w 22p drawings by Gerry Peirce (1900–1969) illustrator.

Stevens, (Dr) Warren Douglas [**Doug**] (15 Sep 1944–); {W.D.Stevens}; US botanist; PhD at Michigan State Univ, East Lansing 1976; curator at Missouri Bot Garden, St. Louis, Missouri 1977~; collected in Costa Rica 1969, India 1969, Mex 1970, 71, 73 & 76, Guatemala 1971, Nicaragua 1977~, El Salvador, Honduras, Panama & Peru & in Mada 1993; specialist in Asclepiadaceae;
desc *species*:
(Matelea) **macvaughiana** (Jalisco) 1988 (na R McVaugh),
(Matelea) **sepicola** (Sinaloa, Nayarit, Jalisco) 1975.

Stevens-Jones, Wm; Eng consulting engineer & amateur grower of c&s; specialist in conophytums; friend of H Hall;

***species* nah:**
(Conophytum) **stevens-jonesianum** (Cape) (desc & nah by HML Bolus 1964).

†**Stevenson**, (Capt) RHR;
disc *variety*:
(Caralluma lateritia var) **stevensonii** (Southern Rhodesia) 1934 (desc & nah by AC White & BL Sloane 1937),
(Huernia verekeri var) **stevensonii** (Southern Rhodesia) (desc & nah by AC White & BL Sloane 1937).

†**Stewart**, (Prof) (Dr) Alban II (14 Jan 1875–31 May 1940); {A.Stewart}; US botanist; PhD at Harvard Univ 1911; prof of botany at Univ of Wisconsin 1911–16 & at Florida State College for Women, Tallahassee 1916~; collected in Galapagos archipelago 1905–06;
spouse Ethel [née Clark];
Book [1911] *A Botanical Survey of the Galapagos Islands (Expedition of the Calif Academy of Sciences to the Galapagos Islands,1905–06)* San Francisco, Calif; Eng; 288p.

†**Stewart**, (Dr) Omer Call (17 Aug 1908–31 Dec 1991); US;
PhD in anthropology at Univ of Calif, Berkeley 1940; prof of anthropology at Unif of Colorado, Boulder; interested in native American Indians & their peyote usage; spouse Lenore Stewart;
Book [1987] *Peyote Religion—A History* Norman, Oklahoma; Eng; 454p.

†**Steyermark**, (Dr) Julian [Julián] Alfred (27 Jan 1909–15 Oct 1988); {Steyerm.}; US botanist; PhD at Washington Univ, St. Louis, Missouri 1933; worked at Field Museum of Natural History 1937–58 & at Instituto Botanico, Caracas, Venezuela 1959–84; researcher at Missouri bot garden 1984~; explored in Ecuador, Guatemala, Venezuela & US;
desc *genus*:
Bonifazia [w PC Standley] 1944 (syn of Disocactus LINDLEY),
***species* nah:**
(Echeveria) **steyermarkii** (Guatemala) (desc & nah by PC Standley 1944);
desc *species*:
(Bonifazia) **quezalteca** [w PC Standley] (Guatemala) 1944 (disc by PC Standley 1941)
—> **Disocactus quezaltecus** by MW Kimnach 1959,
(Echeveria) **macrantha** [w PC Standley] (Guatemala) 1944 (disc by JA Steyermark 1939),
(Portulaca) **insignis** (Venezuela) 1988,
(Portulaca) **pygmaea** (Venezuela) 1988,
(Tillaea) **venezuelensis** (Colombia, Venezuela, Ecuador, Peru, Bolivia, Chile) 1957
—> **Crassula venezuelensis** by M Bywater & GE Wickens 1984;
desc *variety*:
(Echeveria bicolor var) **turumiquirensis** (Venezuela) 1952.

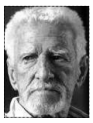
Steyn, Marthinus; RSA;
Book [2003] *Southern Africa — COMMIPHORA — Suider-Afrika* Polokwane, RSA;

Eng/Africaans; 93p w c380 color photos.

†**Steytler**, (Miss) JW (fl. 1928–1940); RSA; secretary at Natl Bot Gardens, Kirstenbosch, RSA;
***species* nah:**
(Delosperma) **steytlerae** (Zimbabwe) (desc & nah by HML Bolus 1928),
(Erepsia) **steytlerae** (Western Cape) (desc & nah by HML Bolus 1929).

†**Stisser**, Johann Andreas (19 Jan 1657–21 Apr 1700); Ger chemist; prof of anatomy, chemistry & medicine at Brunswick; founder of bot garden at Academy in Helmstedt, Ger;
***genus* nah:**
Stisseria (RSA) (desc & nah by L Heister 1730) (synonym of & pre-Linnaeus name for Stapelia).

Stock, (Dr) A Dean; US cytogeneticist & cactus taxonomist in Kanab, Utah; working on revision of Cacti of Intermountain Region with a group from Utah Native Plant Soc;
desc *species*:
(Opuntia) **diploursina** [w N Hussey & MC Beckstrom] (Arizona) 2014 (disc by AD Stock & N Hussey 2012).



†**Stockinger**, Francisco [Xico] (7 Aug 1919–12 Apr 2009); Austrian to Brazil 1922; known as artist "Xico" & sculpturer; explored & collected in Brazil & Uruguay; interested in Frailea, Wigginsia & Gymnocalycium 1973~;
disc *species*:
(Notocactus) **stockingeri** (Rio Grande do Sul) 1981 (desc & nah by KH Prestle 1985) —> **Parodia stockingeri** by A Hofacker & PJ Braun 1998.

†**Stocks**, (Dr med) John Ellerton (1822–1854); {Stocks}; British physician & botanist; MD at Univ College, London; physician for East India Company in Bombay, India 1840s; collected in Asia; FLS ____;
***species* nah:**
(Sarcostemma) **stocksii** (Arabian Peninsula, Pakistan) (desc & nah by JD Hooker 1883).

Stockwell, Robin: US; founder of Succulent Gardens in Castroville, Calif 1972~;
Book [2017] *Succulents: The Ultimate to Choosing, Designing, & Growing 200 Easy Care Plants*; Eng; 288p w 393 color photos.

†**Stockwell**, (Dr) Wm **Palmer** (7 Jul 1898–20 May 1950); {Stockw.}; US botanist; PhD at Stanford Univ 1940; technical assistant at Carnegie Institution of Washington at Stanford Univ 1932–35; w Institute Forest Genetics, Calif 1935~;
Book [1933] *Arizona Cacti* [w L Hamilton, bot artist] Tucson, Arizona; Eng;
116p w 3 color plates.

†**Stoeber**, [Stöber,] (Mr) E (–≈1927); Ger teacher to Lüderitz, Namibia; explored in Namibia;
***genus* nah:**
Stoeberia (Namibia, Northern Cape, Western Cape) (desc & nah by MK Dinter & MHG Schwantes 1927).

Stoffers, (Dr) Anton [Antonius] Lambertus (1926–); {Stoffers}; The Netherlands;
Book [1984] *Flora of the Netherlands Antilles: Spermatophyta (Dicotyledoneae)* Utrecht, Netherlands; 266p; (Vol III of the Flora, w cactaceae & euphorbiaceae).

†**Stoffregen**, Jill Anne (1935–2002); US;
Book [1992] *A Desert Cactus Comes to Life* [w R Milios].

†**Stojanov**, Nikolai Andreev (1883–9 Oct 1968); {Stoj.};
desc *species*:
(Sedum) **tuberiferum** [w B Stefanov] (Bulgaria, Serbia, Macedonia, Greece) 1934.

Stokes, Hazel;
Book [1974] *What Succ is That?* Cape Town, RSA; Eng; 86p w 18 color photos,
[1985] *Flora of Table Mtn* Cape Town; Eng; 216p.

†**Stokoe**, Thomas Pearson (24 Feb 1868–21 Apr 1959); Eng to RSA 1911; mountaineer & water color artist; collected over 16,000 specimen succ over 48 yrs in RSA;
***species* nah:**
(Drosanthemum) **stokoei** (Cape) (desc & nah by HML Bolus 1927),
(Mesemb) **stokoei** (Western Cape) (desc & nah by HML Bolus 1928) —> **Eurystigma stokoei** by HEK Hartmann 1998.

†**Stolz**, Adolf Ferdinand (17 Jan 1871–1917); Ger missionary, merchant & botanist; merchant in Nyasaland developing plantations 1898–14; collected in Angola, Malawi, Tanzania; to Ger 1914~; first spouse Helene Elisabeth [née Kootz] Stolz (1872–1899);
second spouse Anna [née Schulze] Stolz;
disc *species*:
(Huernia) **schneideriana** (Tanzania) c1912 (desc by A Berger 1913 & na CK Schneider).

†**Stopp**, (Dr) Klaus Dieter (11 Jul 1926–6 Jun 2006); {Stopp}; Ger botanist & pharmacist; PhD at Univ of Maiz, Ger 1949; prof of pharmacognosy at Johannes Gutenberg Univ, Mainz 1962–88; collected in Angola, Congo & Kenya, Africa 1950–61;
desc *species*:
(Ceropegia) **damannii** (Angola) 1964 (na P Damann),
(Ceropegia) **mendesii** (Angola) 1971 (na EJS Mendes).

Storad, Conrad J; US writer of non-fiction children books;
MA at Arizona State Univ 1983, dir of research communications &
editor of Research Magazine 1986–2010; spouse Laurie Storad;
Book [1994] *Saguaro Cactus* Minneapolis, Minnesota; Eng; 48p [w photos by P Jansen].

†**Storm**, Mirian (c1892–1975); US naturalist writer; explored in Michoacan, Mex;
disc *species*:
(Euphorbia) **stormiae** (Michoacan) (desc & nah by LCM Croizat 1939) —> **Euphorbia radians** var **stormiae** by J Rzedowski & G Calderon 1987.

†**Storms**, Edward [**Ed**] Donald (1924–1987); US photographer, painter, sculptor & nurseryman 1971~; attended Texas Christian Univ, Ft Worth, Texas;
grower of Lithops & other Mesembs; spouse Ruth Storms;
Book [1973] *Growing the Mesembs* Fort Worth, Texas; Eng; 20p; (rev 1976, 29p w 97 color photos),
[1986] *The New Growing the Mesembs* Fort Worth; Eng; 58p,
[1986–1987] *Lithops & Other Succ*; Eng; 42p w 136 photos, 2 color; (Catalog); first pub in 1977.

†**Story**, (Dr) Robert (19 Aug 1913–20 Feb 1999); {Story]; RSA ecologist;
PhD at Witwatersrand Univ c1937/38; pasture researcher at
Leeuwkuil Pasture Research Station near Vereeniging 1936;
botanical surveyor in Grahamstown 1945–51 & Pretoria 1952;
on Harvard-Smithsonian-Peabody expedition to Botswana & Namibia 1955; collected in RSA; to Australia 1959 at land use research division, Canberra; spouse Sybil Story (–Jan 2004);
desc *species*:
(Streptocarpus) **kentaniensis** [w LL Britten] (Eastern Cape) 1954.

Stover, [née Baumel,] Hermine; US botanist & horticulturist; owner w spouse of *Endangered Species Nursery*, Tustin, Calif c1975~, a landscaping service specializing in bamboo; spouse Roger Stover;
Book [1983] *The Sansevieria Book* Tustin, Calif; Eng; 72p.

†**Stoye**, Otto; Ger; owner of printing firm in Leipzig, Ger;
Book [1928–29] *Kakteen-Album* Leipzig; 200p.

†**Straka**, (Prof) (Dr) **Herbert** Karl (14 Jul 1920–23 Mar 2009); {Straka}; Ger palynologist & morphologist; PhD at Bonn Univ 1951; prof of botany, Univ of Kiel, Ger 1951~; specialist on morphology of Mesembs; IOS member 1961;
collected in Mada 1957, 1961 & 1980;
Book [1955] *Anatomische und Entwicklungsgeschichtliche Untersuchungen an Fruchten Paraspermer Mesemb* Leipzig, Ger; Ger; 63p;

transfer *species*:
"Harpagophytum abbreviatum" (HE Baillon 1887) —> **Uncarina abbreviata** [w H-D Ihlenfeldt] 1962,
"Harpagophytum grandidieri" (HE Baillon 1887) —> **Uncarina grandidieri** [w H-D Ihlenfeldt] 1962,
"Harpagophytum leptocarpa" (J Decaisne 1865) —> **Uncarina leptocarpa** [w H-D Ihlenfeldt] 1962.

†**Straus**, L (17 Jul 1862–20 Feb 1934); Ger cactus specialist;
co-founder of Ger Cactus Soc 1890;
***species* nah:**
(Echinocactus) **strausianus** (Argentina) (desc & nah by KM Schumann 1901) —> **Eriosyce strausiana** by F Kattermann 1994,
(Pilocereus) **strausii** (Argentina, Bolivia) (desc & nah by E Heese 1907) —> **Cleistocactus strausii** by C Backeberg 1934.

†**Straw**, (Dr) Richard [**Dick**] Myron (25 Jul 1926–14 Oct 2012); {Straw}; US botanist & biologist in Calif; PhD in botany at Graduate School Rancho Santa Ana Botanic Garden, Claremont, Calif 1955; prof at Calif State Univ, Los Angeles 1956-81; dir of computer services at Southern Oregon State Univ 1981-92;
collected in Baja Calif & Mex 1954~; spouse Dorothy Jane [née Johnson] Straw;
***species* nah:**
(Peperomia) **strawii** (Peru) (desc by G Pino & O Klopfenstein 2004 & disc by PC Hutchison 1964).

Strecker, (Dr) Willi (1922–);
Book [2001] *Kakteen in Brasilien (Cacti in Brazil)* [w A Hofacker, GJ Charles, W van Heek, B Bohle, K Herm &G Heimen] Ger; Ger/Eng; 176p;
***species* nah:**
(Micranthocereus) **streckeri** (Bahia) (desc & nah by W van Heek & L van Criekinge 1986 & disc by both 1985).

†**Streets**, (Dr) Rubert Burley, Sr (22 May 1895–29 May 1981); US botanist, plant pathologist & entomologist; PhD in plant pathology at Univ of Wisconsin, Madison 1924; prof of plant pathology at Univ of Arizona, Tucson 1924~;
spouse Frances [née Wocasek] Streets;
Book [1969] *Diseases of the Cultivated Plants of the Southwest* Tucson, Arizona; Eng; 390p; (cacti in Part VII).

Strempel, W;
Book [1989] *25 Jahre Fachgruppe Kakteen und Sukkulenten Halle im Kulturbund der DDR* [w

K Klugling, B Boger, R Dehn & W Marx] Leipzig; 16p.

†**Strey**, Rudolf Georg (28 Apr 1907–30 Jun 1988); {Strey}; Ger farmer & botanist to Namibia 1929–50; curator at National Herbarium, Pretora 1952–62 & at herbarium in Durban, KwaZulu-Natal 1962–75; interested in bot history of Namibia; author of revision of genus *Cussonia*;

species **nah:**

(Crassula) **streyi** (Natal) (desc & nah by HR Toelken 1973);

disc *species*:

(Brachystelma) **tenellum** (Limpopo, Natal) 1970 (desc by RA Dyer 1973),

(Ceropegia) **arenaria** (Natal) (desc by RA Dyer 1978).

†**Strgar**, (Dr) Vinko (29 Jul 1928–2 Mar 1992); {Strgar}; Slovenia systematic botanist & geobotanist; PhD in biology at Univ of Ljubljana 1969; dir of Ljubljana Bot Gardens 1967–1992;

desc *species*:

(Sempervivum) **juvanii** (Slovenia) 1971 (na F Juvan) —> **Sempervivum wulfenii** ssp **juvanii** by CPE Favarger & JAN Parnell 1990.

Strigl, Franz (1937–); Austria Gymnocalycium specialist; co-founder & editor of Austrian specialist group *Arbeitsgruppe Gymnocalycium* 1988–91;

species **nah:**

(Gymnocalycium) **striglianum** (Mendoza) (desc & nah by JA Till 1987 & disc by W Rausch c1972).

†**Strohschneider**, I; {Strohschn.};

desc *species*:

(Lampranthus) **swartkopensis** (RSA) 1935.

†**Strong**, Martha Prentice;

Book [1938] *Photographs of the Cacti*; possibly 150p of photographic illustrations by author.

†**Struben**, (Miss) **Edith** Frances [Francis] Mary (1868–21 Oct 1936); RSA gardener & artist; studied painting in Paris, Rome & London ≈1901; primarily painted RSA landscapes in watercolor; member of Bot Soc of S Africa;

species **nah:**

(Mesemb) **strubeniae** (Western Cape) (desc & nah by HML Bolus 1920) —> **Ruschia strubeniae** by MHG Schwantes 1949.

Struck, (Dr) Michael [**Mike**] (fl 1986); {Struck}; Dannenberg Ger; spouse M Gerbaulet;

desc *species*:

(Phyllobolus) **amabilis** [w M Gerbaulet] (Cape) 1996,

(Phyllobolus) **chrysophthalmus** [w M Gerbaulet] (Cape) 1996,

(Phyllobolus) **gariepensis** [w M Gerbaulet] (Cape) 1996;

transfer *species*:
"Mesemb clavatum" (AH Haworth 1795) —> **Dorotheanthus clavatus** 1998,
"Micropterum herrei" (MHG Schwantes 1950) —> **Cleretum herrei** [w H-D Ihlenfeldt] 1987,
"Pherolobus maughanii" (NE Brown 1928 —> **Dorotheanthus maughanii** [w H-D Ihlenfeldt] 1987;
desc *subsp*:
(Dorotheanthus bellidiformis ssp) **hestermalensis** [w H-D Ihlenfeldt] (Namaq) 1987.

Stuber, Dagmar (fl 1993); {Stuber};
Book [1993] *Studies on the Mesemb (Aizoaceae)* [w HEK Hartmann, W Wisura & HF Glen]; 107p;
desc *species*:
(Ruschia) **centrocapsula** [w HEK Hartmann] (Cape) 1993;
transfer *species*:
"Mesemb alboroseum" (HML Bolus 1928) —> **Leipoldtia alborosea** [w HEK Hartmann] 1993,
"Mesemb cradockense" (CEO Kuntze) —> **Ruschia cradockensis** [w HEK Hartmann] 1993,
"Mesemb hantamense" (HGA Engler 1909) —> **Antimima hantamensis** [w HEK Hartmann] 1993,
"Mesemb intricatum" (NE Brown 1926) —> **Ruschia intricata** [w HEK Hartmann] 1993,
"Mesemb triticiforme" (HML Bolus 1925) —> **Ruschia cradockensis** ssp **triticiformis** [w HEK Hartmann] 1993.

Stuchlik, Stanislav (14 May 1943–); {S.Stuchlik}; Czech Rep horticulturist & publisher in Brno; specialist in Notocactus genus;
Book [1993] *Rod Notocactus (Monografie)* Brno, Czech Rep; Czech; 179p + 16 color plates,
[1995] *Notokakteen (Gesamtdarstellung aller Notokakteen)* [w J Neduchal & N Gerloff] Ludwigsburg, Ger; 208p w 24p color plates.

†**Stucky**, (Mr) ?;
***species* nah:**
(Sansevieria) **stuckyi** (Mozambique) (desc & nah by A Godefroy-Lebœuf 1903).

Studier, Georg; Ger horticulturist; explored in Mex;
Book [2003] *Mit Heinz-Josef Klein zu Kakteenstandorten in Mex; Ger; 79p; (field # list of Klein's collections 1977–89).*

Stuessy, (Prof) (Dr) **Tod** Falor (1943–);{Stuessy,}; US botanist;
PhD in botany at Univ of Texas, Austin 1968; prof of plant biology & dir of herbarium at Ohio State Univ, Columbus ≈1995 for 27 yrs; deputy dir of research & collections at Natural History Museum, Los Angeles, Calif 1995~; collected in Mex 1965~; spouse C Stuessy;
***species* nah:**

(Aeonium) **stuessyi** (Ethiopia, Kenya, Tanzania) (desc & nah by H-Y Liu 1989).

†**Stuhlmann**, (Dr) **Franz** Ludwig (29 Oct 1863–19 Nov 1928); {Stuhlmann}; Ger naturalist, linguist, ethnologist, botanist & zoologist; PhD at Freiburg Univ 1886; w Ger army in Ger East Africa 1888–91; deputy-governor of Ger East Africa 1891; to central Africa 1893–1900; worked in Dutch East Indies 1900–01; dir of Amani Biological Institute, Ger East Africa 1903–08; worked in colonial institute at Hamburg 1909–21 & w world trade 1921~; explored Ger East Africa & in central Africa;
disc *species*:

(Caralluma) **schweinfurthii** (Rwanda Zambia, Zaire, Tanzania, Zimbabwe) 1891 (desc by A Berger 1910 & na GA Schweinfurth) —> **Orbea schweinfurthii** by PV Bruyns 2001.

†**Stumer**, [Stümer, Stuemer,] Ernst [Ernesto] (fl. 1930s); Argentinian plant trader; collected in Argentina;
disc *species*:

(Echinocactus) **calochlorus** (Cordoba) (desc by F Boedeker 1932) —> **Gymnocalycium calochlorum** by Y Ito 1952,

(Echinocactus) **stuemeri** (Salta, Jujuy) (desc & nah by E Werdermann 1931) —> **Parodia stuemeri** by C Backeberg 1936,

(Echinopsis) **chrysantha** [w AV Fric, CC Hosseus & O Marsoner] (Salta) 1930 (desc by E Werdermann 1931),

(Gymnocalycium) **nigriareolatum** (Catamarca) (desc by C Backeberg 1934),

(Opuntia) **hypogaea** (Argentina, Bolivia) (desc by E Werdermann 1931) —> **Maihueniopsis hypogaea** by F Ritter 1980.

Stuppy, (Dr) **Wolfgang** Hermann (1966–); {Stuppy}; Ger botanist working at Kew 1999~; PhD at Univ of Kaiserslantern,Ger 1996; IOS member 1991 & secretary 1999–2004; specialist in seed morphology;
transfer *species*:

"Opuntia estevesii" (PJ Braun 1990) —> **Tacinga saxatilis** ssp **estevesii** [w NP Taylor] 2002,

"Opuntia inamoena" (KM Schumann 1890) —> **Tacinga inamoena** [w NP Taylor] 2002,

"Opuntia palmadora (NL Britton & JN Rose 1919) —> **Tacinga palmadora** [w NP Taylor] 2002,

"Opuntia werneri" (UV Eggli 1992) —> **Tacinga werneri** [w NP Taylor] 2002,

"Platyopuntia saxatilis" (R Ritter 1979) —> **Tacinga saxatilis** [w NP Taylor] 2002,

"Puna bonnieae" (DJ Ferguson & R Kiesling 1997) —> **Tephrocactus bonnieae** 2001;
desc *variety*:

(Ariocarpus fissuratus var) **hintonii** [w NP Taylor] (San Luis Potosi) 1989 (disc by GS Hinton 1984 & nah) —> **Ariocarpus bravoanus** ssp **hintonii** by EF Anderson & WA Fitz Maurice 1997.

Stutzel, [Stützel,] Hermann; Ger;
Book [1999] *Chronik der Deutschen Kakteen-Gesellschaft* = "Chronicles of the Ger Cactus Soc" [w V Scholz] Wursburg; Ger; 140p; (history of Ger Cactus Soc w many archival portraits).

Subba Rao, Gorti Venkata (1928–); {Subba Rao}; India botanist;
desc *species*:
(Kalanchoe) **cherukondensis** [w GR Kumari] (India) 1978.

†**Subik**, [Šubík,] Rudolf (11 Apr 1923–16 Mar 2011); Czech Rep; worked at bot garden of Charles Univ, Prague ≈1984; 12 expeditions to N Amer, Cuba, S Africa & Canary Islands;
Book [1960] *Kaktusy* [w F Pazout & J Valnicek] Prague, Czech Rep; Czech; 180p,
[1968] *Taschenatlas der Kakteen* [w J Kaplicka] Prague; Czech; 258p,
[1968] *Spitze Stacheln—Bunte Bluten* [w J Kaplicka] Stuttgart, Ger; Ger; 258p w 96 color plates,
[1968] *Bloeiende Cactussen en Andere Vetplanten* [w J Kaplicka] Wageningen, Netherlands; Dutch; 263p,
[1968] *C&S—Concise Guide in Colour* [w J Kaplicka] London, Eng; Eng; 266p w 96 color drawings,
[1968] *Kaktusy* [w J Kaplicka] Prague; Czech; 250p,
[1971] *Kakteen und Andere Sukkulenten* [w J Kaplicka] Prague; Ger; 242p,
[1971] *Decorative Cacti, a Guide to Succ House Plants* London; NYC; Eng; 132p w 56 paintings by J Kaplicka,
[1972] *O Kaktusech* [w J Jelinek] Prague; Czech; 287p,
[1976] *Fakta Om Katusar Och Andra Suckulenter* [w J Kaplicka] Stockholm, Sweden; Swedish; 248p,
[1981] Illustrated *Enc of C&OS* [w J Riha] London, Eng; Eng; 352p,
[1985] *Kakteen und andere Sukkulenten* Prague; 236p,
[1989] *Kaktusy v Prirode* [w J Riha] Praha; 130p,
[1994] *Plantes du Desert* Paris, France; 128p,
[1994] *Miniaturní pouste* = "Miniature Deserts" [w J Gratias & S Krhovska] Prague; 128p w 135 color photos,
[1995] *Kakteen und Sukkulenten* [w J Gratias & S Krhovska] Erlangen; 128p,
[1997] *Kaktusy I Drugiye Sukkulenty* [w J Gratias & S Krhovska] Moscow, Russia; 128p w 131 color photos,
[1997] *Sukulenty pro Kazdeho* = "Succ for Everyone" [w J Gratias] Prague; 152p w 270 color photos,
[1999] *Sukulenty jako Bonsaje* = "Succ as Bonsai" [w J Gratias] Prague; 184p w 150 color photos,
[2000] *Kaktusy: A Jak je Pestovat* [w J Riha] Praha; Czech; 245p,
[2003] *The Complete Enc of Cacte* [w L Kunte]; 288p.

†**Subramanyam**, Krishnaier I (1 Nov 1915–17 Apr 1980); [Subr.}; India botanist, plant morphologist & taxonomist;
Book [1955] *Morphological Studies in some Species of Sedum* Ithaca, NY; Eng; 177p;
desc *species*:

(Jatropha) **maheshwarii** [w MP Nayar] (India) 1965 (na P Maheshwari).

Succ Publication of S Australia;
Book [1980] *Calandrinia*; Eng;
[1982] *Calandrinia 2*; Eng; 91p.

Succ Soc of S Africa;
Book [1997] *List of S African Succ Plants*; 175p w 8 color illustrations.

†**Sudell**, Richard (1892–1968);
Book [1933] *The New illustrated Gardening Enc* London, Eng; Eng; 1,152p as editor of 8 Vols; (w section by EW Shurly on cacti).

Suguri, Kouzui (1950–); Japanese priest & horticulturist; graduate of Waseda Univ; pres of Tokyo Cactus Club;
Book [1996] *Ariocarpus Handbook — Cultivated in Japan* [w T Sato] Fukushima, Japan; Japanese; 72p w 357 color photos,
[2001] *The Cactus—Native Place in Andes* [w K Kawakami & RGG Homero]; Japanese; 112p w 239 color photos.

†**Suksdorf**, Wilhelm Nikolaus (15 Sep 1850–3 Oct 1932); {Suksd.}; Ger to US 1858; farmer & naturalist; studied science & agriculture at Univ of Calif 1876–c1879; explored & collected in Washington, Oregon, Calif & Idaho 1879~; corresponded w A Gray;
desc *species*:
(Sedum) **monanthum** (Washington to Calif) 1927 —> **Sedum stenopetalum** ssp **monanthum** by RT Clausen 1975.

Sumbul, [Sümbül,] (Prof) (Dr) Hüseyin (1955–); {Sumbul};
prof of biology at Akdeniz Univ, Antalya, Turkey;
desc *species*:
(Sedum) **yildizianum** (Turkey) 1990 (na B Yildiz).

Sunset Magazine editors;
Book [1970] *Succ & Cactus* Menlo Park, Calif; Eng; 79p,
[1972] *Desert Gardening*; Eng,
[1978] *C&S*; Eng; (1987; 80p).

Supplie, [Süpplie,] Frank (1969–); {Supplie}; Ger to Netherlands; photographer & journalist; IOS member 1989; curator of cactaceae dept at Bot Garden, Overloon, Netherlands 1995–97 & at Epiphytic Plant Research & Information Center 1998~; interested in epiphytic cacti & their hybrids; wrote articles in many c&s journals and CD-ROMs;
Book [1990] *Epiphytische Kakteen II (Die Epiphyllum Hybriden)* Venray; 55p,

[1990] *Epiphytic Cacti Picture Book* Venray; Dutch,
[1990] *Epiphyllum Hybrids* Venray; Dutch; 23p,
[1990] *Rhipsalidinae* Venray; Eng/Ger; 92p w 8 color plates,
[1992] *Schlumbergera* Venray; Dutch; 24p,
[1993] *Rhipsalidinae, the Four Genera: Lepismium, Rhipsalis, Hatiora & Schlumbergera* Venray; Eng; 102p,
[2000] *Schlumbergera: Directory of Hybrids & Species*; 100p,
[2001] *Joyce Carr: Her Schlumbergera*; 16p,
[2002] *Joyce Carr (1921–2001): Her Hybrids, Aporocactus, Orchid Cacti & Schlumbergera Hybrids;* 40p,
[2004] *Schlumbergera* [w D van der Zee]; Eng/Ger/Dutch; 64p w 94 color photos,
[2005] *Epiphyllum*; Eng/Ger; 80p w 500 color photos.
[2006] *Epiphyllum 2*; Eng/Ger; 80p w 550 color photos.
[2007] *Rhipsalis & Lepismium* Nijmegen, The Netherlands; Eng/Ger; 144p w 100 color photos.

†**Supthut**, Diedrich [**Dieder,** Dieter] J (9 Feb 1935–30 Apr 2015); Ger horticulturist; dir of herbarium at Städtischen Sukkulenten-sammlung, Zurich, Switzerland 1971–2000; collected in Venezuela 1987 & 88, Brazil 1988, 89 & 90, Ecuador 1989, Mada 1982, 86, 92 & 93; IOS member 1974, treasurer 1977–2002 & honorary member 2008; pres of DKG 1995–2000; Monaco Cactus d'Or award 2000;
Book [1981] *Festschrift Zum 50 Jahrigen Bestehen der Stadtischen Sukkulentensammlung Zurich* [w UV Eggli] Zurich; Ger; 57p.

Suresh, CR (fl. 1988); {Suresh};
transfer *species*:
"Salmia ebracteata" (AJ Cavanilles 1795) —> **Sansevieria ebracteata** 1988.

†**Suringar**, (Prof) (Dr) **Jan** Valckenier (24 Dec 1864–17 Oct 1932); {J.V.Suringar}; Dutch botanist; PhD at Leiden Univ 1898; prof o dendrology at College of Agriculture, Wageningen, Netherlands 1918–24; father WFR Suringar;
Book [1901] *Contributions A L'Etude des Especes du Genre Melocactus des Index Neerlandaises Occidentales* Amsterdam, Netherlands; Dutch; 40p,
[1903] *Het Melocactus Onderzoek*; Dutch; 11p.

†**Suringar**, (Prof) (Dr) Willem Frederik Reinier (28 Dec 1832–12 Jul 1898); {Suringar}; Dutch botanist; DSc at Leiden Univ 1857; prof of botany at Leiden Univ 1857~ & dir of Rijksherbarium 1871~; honorary PhD at Univ of München 1872; explored in Suriname, British Guyana, Trinidad & Netherlands Antilles 1884–85; specialized in Melocactus; son JV Suringar;
Book [1885] *Melocacti novi* Amsterdam; Dutch; 13p,
[1889] *Nieuwe Bukbragen Tot de Kennis der Melocacti van West-Indie* Amsterdam; Dutch; 54p,

[1892] *Derde Bijdrage Tot de Kennis der Melocacti van West-Indie* Amsterdam; Dutch; 7p,
[1896] *Vierde Bijdrage Tot de Kennis der Melocacti* Amsterdam, Netherlands; Dutch; 46p,
[1897] *Vijfde Bijdrage Tot de Kennis der Melocactus* Amsterdam; Dutch; 15p,
[1897–1905] Illustrations *du Genre 'Melocactus'* Leiden; French; 40p;
(in 3 parts w parts 2 & 3 by son, JV Suringar);
[1897] Part 1; 8p;
[1903] Part 2; 16p;
[1905] Part 3; 16p;

desc *species*:

(Melocactus) **koolwijkianus** (Netherlands Antilles, Cuba) 1886 (disc by him 1884–85 & na AJ Koolwijk) —> **Melocactus curvispinus** ssp **koolwijkianus** by G Thomson 2002,
(Melocactus) **stramineus** (Netherlands Antilles) 1886 (disc by him 1884–85).

†**Sussenguth**, [Süssenguth, Suessenguth,] Karl (22 Jun 1893–7 Apr 1955); {Suess.}; Ger botanist; curator at Botanische Staatssammlung, Munich, Ger 1927–47 & dir 1945–47;
desc *species*:

(Senecio) **kleiniiformis** (Africa) 1936.

Suter-Buser, (Dr) CE;
Book [1982] *Malattransport Bei Isolierten Vakuolen der CAM-Pflanze Kalanchoe daigremontiana* Zurich, Switzerland; 103p; (PhD Thesis).

†**Sutherland**, (Dr med) Peter Cormac [Cormack] (7 Apr 1822–20 Nov 1900); Scottish physician, geologist & surveyor; to Natal 1855; surveyor general in Natal 1855–87; collected plants for Kew;

***species* nah:**

(Begonia) **sutherlandii** (Tanzania to Natal, Eastern Cape) (desc & nah by JD Hooker 1868),
(Mesemb) **sutherlandii** (desc & nah by JD Hooker) —> **Delosperma sutherlandii** by NE Brown 1926.

Sutherland, RC;
Book [1966] *Morpholigical & Physiological Studies of the Foliar Embryos of Kalanchoe pinnata PERS.*; 92p.

Sutherland, SD; PhD at Univ of Arizona;
Book [1983] *the Pollination Biology of Paniculate Agaves, Documenting the Importance of Male Fitness in Plants* Tucson, Arizona; 61p; (PhD thesis).

Sutton, (Miss) ? (fl. 1966);
***species* nah:**

(Delosperma) **suttoniae** (Natal) (desc & nah by MG Lavis 1966).

Sutton, Ann & Myron L; southern Oregon, US; natl park rangers &

authors of over 30 books;
Book 1965] *The Life of the Desert* NYC; Eng; 232p w over 100 color photos.

Sutton, Felix;
Book [1965] *The How & Why Book of Deserts* London, Eng; Eng; 48p; (w illustrations by Robert Doremus).

†**Sventenius**, [Svensson,] Erik [Ericus, Erich, Enrico] Ragnor (10 Oct 1910–23 Jun 1973); {Svent.}; Swedish botanist; to Spain 1920–31; to Canary Islands 1931; founded *Viera y Clavijo Canarian Bot Gardens* 1952; dir at Jardin de Aclimatacion, Tenerife, Canary Islands 1952~; IOS member 1955;
Book [1960] *Additamentum ad Floram Canariensem* Madrid;
93p w 37 graphic plates (7 colored); includes a few succ;
desc *species*:
(Aeonium) **rubrolineatum** (Canary Islands) 1950 —> **Aeonium arboretum** var **rubrolineatum** by HY Liu 1989,
(Ceropegia) **krainzii** (Canary Islands) 1954 (na H Krainz) —> **Ceropegia dichotoma** ssp **krainzii** by PV Bruyns 1986,
(Euphorbia) **bravoana** (Gomera of Canary Islands) 1954,
(Euphorbia) **lambi** (Gomera of Canary Islands) 1960 (na E Lamb);
***variety* nah:**
(Caralluma burchardii var) **sventenii** (desc & nah by E Lamb 1956);
desc *variety*:
(Euphorbia atropurpurea var) **modesta** (Tenerife of Canary Islands) 1960.

†**Swales**, Geoffrey John (28 Sep 1927–9 Mar 2016); {Swales}; Eng botanist;
MSc on taxonomic studies in the genus Gymnocalycium at University of Durham, Eng 1975; IOS member 1976;
desc *species*:
(Gymnocalycium) **buenekeri** (Rio Grande do Sul) 1978 (disc by K-H Uhlig 1968 & na RH Büneker) —> **Gymnocalycium horstii** ssp **buenekeri** by PJ Braun & A Hofacker 2002.

Swanepoel, Jac P; RSA horticulturist & owner of *Marina Cactus Gardens* nursery; associate of Rolf Rawe;
***species* nah:**
(Caralluma) **swanepoelii** (Northern Cape) (desc & nah by JJ Lavranos 1972) —> **Quaqua swanepoelii** by DCH Plowes 1994,
(Conophytum) **swanepoelianum** (Cape) (desc & nah by R Rawe 1971 & disc by R Rawe).

Swarupanandan, (Dr) Kundil (15 Mar 1953–); {Swarupan.}; Indian botanist at Kerala Forest Research Institute; PhD at Univ Calicut, India 1955; specialist on Asclepiadaceae; spouse Jayakumari [née Chinnan];
***species* nah:**

(Brachystelma) **swarupa** (India) (desc & nah by K Kishore Kumar & DJ Goyder 2001).

†**Swartz**, [Svarts, Svartz, Swarts, Swarz], (Dr med) Peter **Olof** [Olavo] (21 Sep 1760–19 Sep 1818); {Sw.}; Swedish botanist & physician; MD at Uppsala Univ 1785; prof at Bergian school of gardening, Stockholm 1791–1805; curator at Royal Swedish Academy of Sciences 1806~ & secretary 1811~; collected in West Indies & ne S Amer 1784–86;
Book [1788] *Nova Genera et Species Plantarum seu Prodromus* Stockholm; 152p,
[1791] *Observationes Botanicae* Erlangae; 424p,
[1797–1806] *Flora Indiae Occidentalis* Erlangae; (in 3 Vols);
[1797] Vol 1; 640p;
[1800] Vol 2; 1,230p;
[1806] Vol 3; 888p;
desc *species*:
(Cactus) **alatus** (Jamaica) 1788 (disc by DD Browne ≈1756) —> **Pseudorhipsalis alata** by NL Britton & JN Rose 1923,
(Euphorbia) **punicea** (West Indies) 1788,
(Tradescantia) **multiflora** (Jamaica, Trnidad, Tobago, Costa Rica, Venezuela, Colombia, Peru, Bolivia) 1788 —> **Tripogandra multiflora** CS Rafinesque 1837,
(Tradescantia) **spathacea** (Mex, Belize, Guatemala) 1788.

Sweeney, R Charles H; Eng entomologist & amateur naturalist; at British Museum of Natural History; to Tanzania 1949; explored in Tanzania, Sudan & Malawi;
Book [1973] *Background of Baobabs* London, Eng; Eng; 240p.

†**Sweet**, Robert (4 Aug 1782–20 Jan 1835); {Sweet}; Eng gardener, nurseryman, naturalist, horticulturist, botanist & ornithologist; nurseryman at Stockwell 1810–15, Fulham 1815–19 & for James Colvill (c1746–1822) in Chelsea 1819–26; FLS 1812;
Book [1826] *Hortus Britannicus* London, Eng; Eng; 492p; (revised in 1839 w 799p);
desc *species*:
(Dimacria) **aristata** (Northern Cape) 1826 —> **Pelargonium aristatum** by G Don 1831,
(Euphorbia) **lamarckii** (Morocco) 1818 (na C de Lamarck),
(Hoarea) **violiflora** (Western Cape) 1822 —> **Pelargonium violiflorum** by AP de Candolle 1824,
(Mamm) **missouriensis** (N Dakota, Montana, Colorado, Kansas, Oklahoma) 1830 (disc by T Nuttall 1818) —> **Escobaria missouriensis** by Dr Hunt 1978,
(Otidia) **laxa** (Western Cape,Eastern Cape) 1824 —> **Pelargonium laxum** by G Don 1831,
(Pelargonium) **pulverulentum** (Eastern Cape, Natal) 1824,
(Pelargonium) **schizopetalum** (Eastern Cape) 1824,
(Sarcocaulon) **burmanni** 1826 (na J Burman),
(Sempervivum) **simsii** (Canary Islands) 1818 (na J Sims) —> **Aeonium simsii** by WT Stearn 1951,
(Seymouria) **asarifolia** (Western Cape) 1824 —> **Pelargonium asarifolium** by JC Loudon

1829,
(Tetragonia) **purpurea** 1830;
transfer *species*:
"Cactus triacanthos" (KL von Willdenow 1814) —> **Opuntia triacantha** 1826,
"Convolvulus albivenius" (J Lindley 1827) —> **Ipomoea albivenia** 1830,
"Convolvulus cairicus" (C Linnaeus 1759) —> **Ipomoea cairica** 1827,
"Dactylanthes hamata" (AH Haworth 1812) —> **Euphorbia hamata** 1818,
"Echites succulenta" (C von Linné 1781) —> **Pachypodium succulentum** 1830,
"Geranium luridum" (HC Andrews 1805) —> **Pelargonium luridum** 1824,
"Portulaca lanceolata" (AH Haworth 1803) —> **Anacampseros lanceolata** 1826,
"Portulaca rufescens" (AH Haworth 1819) —> **Anacampseros rufescens** 1826,
"Tithymalus silenifolius" (AH Haworth 1819) —> **Euphorbia silenifolia** 1826;
desc *variety*:
(Stapelia ambigua var) **fulva** (Cape) 1830.

Swinbourne, Robert FG; {Swinb.}; Australian horticulturist;
owner of *The Centre Nursery* in Alice Springs & horticultural advisor to N Territory ≈1966;
technical officer at Adelaide Bot Garden setting up herbarium of cultivated plants 1966~;
interested in historical horticultural & allied subjects; Fellow of Royal Soc of S Australia 1962;
FLS 1970; Australian Horticulture Mueller Medal 1973;
Book [1979] *Sansevieria in Cultivation in Australia* Adelaide, Australia; Eng; 48p.

†**Swoboda**, Heinz (1941–1997); {Swoboda}; Austrian cactus hobbyist;
collected Sulcorebutias in Bolivia & other cacti in Mex & orchids in China;
disc *species*:
(Coryphantha) **kracikii** (Durango) 1982 (desc by JJ Halda, P Kupcak & J Chalupa 2002),
(Turbinicarpus) **swobodae** (Nuevo Leon) (desc & nah by L Diers & E Esteves Pereira 1987).

†**Swynnerton**, Charles Francis Massy (3 Dec 1877–8 Jun 1938); {Swynn.};
British zoologist & naturalist to Natal 1897; farm manager; game warden in Tanganyika (Tanzania) 1919; dir of Tsetse Research Dept in Tanganyika 1929~; collected birds,
insects & plants in Mozambique, Tanzania & Zimbabwe; FLS 1907; spouse Aimee Geraldine [née Smyth] Swynnerton;
***species* nah:**
(Plectranthus) **swynnertonii** (Limpopo, Zimbabwe, Malawi) (desc & nah by SLM Moore 1911);
disc *species*:
(Aloe) **rhodesiana** (Southern Rhodesia, Mozambique) 1908 (desc by AB Rendle 1911,
(Aloe) **swynnertoni** (Southern Rhodesia, Limpopo) 1907 (desc & nah by AB Rendle 1911).

Syeda, Saleha Tahir (fl. 1980); {Syeda}; prof of plant sciences at Univ of Reading, Eng;
desc *species*:
(Calandrinia) **arenicola** (Queensland) 1996 —> **Parakeelya arenicola** by MA Hershkovitz

1999,
(Calandrinia) **papillata** (Western Australia) 1980 —> **Parakeelya papillata** by MA Hershkovitz 1999,
(Calandrinia) **porifera** (Western Australia) 1980 —> **Parakeelya porifera** by MA Hershkovitz 1999,
(Calandrinia) **reticulata** (Western Australia, Northern Territory, S Australia) 1980 —> **Parakeelya reticulata** by MA Hershkovitz 1999,
(Calandrinia) **tumida** (Queensland) 1996 —> **Parakeelya tumida** by MA Hershkovitz 1999.

†**Sykes**, Wm Russell (1927–5 Jan 2018);British botanist to New Zealand 1961; research associate at Landcare Research New Zealand;
desc *species*:
(Crassula) **manaia** [w AP Druce] (New Zealand) 1988.

Symmank, (Dr) Lars; Ger biologist; at Dresden Univ of Technology;
disc *species*:
(Peperomia) **palmiformis** [w G Mathieu & G Pino] (Peru) 2009 (desc by G Pino & M-S Samain 2012).

†**Synge**, Patrick Millington (17 Sep 1910–16 Aug 1982); British botanist & horticulturist; photographer & assistant botanist on Oxford Univ expedition to Sarawak, Borneo 1932–33; spouse Margaret Georgiana [née Chenevix Trench] Synge (3 Mar 1915–);
Book [1939] *Plants with Personality* London, Eng; Eng; 244p w illustrations by John Nash; (c&s in chapter 9).

Syschak, JP;
Book [2003] *Kaktusy (Unicalnaja Enziklopedia = "Universal Encyclopaedia")* [w YN Belous & OV Iljaschenko] Moscow, Russia; Russian; 344p w 1,033 color photos.

†**Szabo**, [Szabó,] Dezső (–2 Aug 1984); Hungary; IOS member 1978;
Book [1971] *Torpe Kaktuszok* [w Z Meszaros] Budapest, Hungary; 128p.

Szentirmay, Teréz N;
Book [1974] *Pozsgas Novenyek (Cactaceae)* Budapest; 170p.

Szirobokowa, D; Russian;
Book [1977] *Koliuczi Samocwiti* = "Prickly Cacti" Kiev, Russia; Russian; 3-fold cover w 4 color illustrations & text + 9 cards each w 2 color photos & text; (w artist, O Grinko, editor O Petrusko & photographer O Kulisa).

Szucs, [Szücs,] Lajos;
Book [1965] *Kaktuszok, Pozsgas Novenyek* Budapest, Hungarian; 149p,
[1984] *KedveLt Kaktuszok, Pozsgasok* Budapest, Hungary; 336p.

T

't Hart, Henk — See **Hart**, Henk 't.

Tabernaemontanus, — Latinized meaning 'Tavern in the Mtn'. See **Bergzabern**, JT.

Tadesee, Mesfin -- See **Mesfin**, Tadesee.

†**Tagliabue**, Giuseppe (fl. 1816); {Tagl.}; Italian botanist;
superintendent of Duke of Litta's garden at Lainate near Milan, Italy;
desc *species*:
(Littaea) **geminiflora** (Nayarit) 1816 —> **Agave geminiflora** by JB Ker-Gawler 1817.

Takacs, Donald J; MS at Univ of Arizona, Tucson 1967;
Book [1967] *Persistence of the Bacterium Erwinia carnegieana in Soil & its Relationship to the Establishment & Survival of Saguaro (Carnegiea gigantea) Cacti* Tucson, Arizona; Eng; 85p; (MS thesis).

Takeo, Y;
Book [1968] *Cactus Culture as a Hobby* Japan; Japanese; 363p w 16 color photos.

†**Takhtajan**, Armen (10 Jun 1910–13 Nov 2009); Russian authority on the evolution of plants; advisor to Komarov Bot Institute, St Petersburg;
Book [2009] *Flowering Plants (second edition)*; Eng; 871p.

†**Tamayo**, Francisco (4 Oct 1902–14 Feb 1985); {Tamayo}; Venezuelan botanist;
desc *species*:
(Acanthocereus) **sicariguensis** [w LCM Croizat] (Venezuela, Colombia) 1947
—> **Pseudoacanthocereus sicariguensis** by NP Taylor 1992.

Tan, Kit [Kiat] (1953–); {Kit Tan};
desc *species*:
(Rosularia) **muratdaghensis** (Turkey) 1989 —> **Prometheum muratdaghense** by H 't Hart 1999,
(Sedum) **caroli-henrici** (Turkey) 1984 (disc by KH Rechinger, Jr & nah),
(Sedum) **cilicicum** [w M Vural] (Turkey) 1984,
(Sedum) **sorgerae** [w CJ Chamberlain] (Turkey) 1984 (na F Sorger),
(Sempervivum) **brevipetalum** [w F Sorger] (Turkey) 1986.

Tanaka, Kisata;
Book [1964] *Mesembs* [w G Masaki] Japan; Japanese; 121p.

Tanaka, R;
Book [1968] *Cacti for Beginners* Japan; Japanese; 220p,
[1968] *Classroom for Cacti* Japan; Japanese; 238p.

Tapia, Jesús; Mex;
Book [1990] *El Agave Azul, de las Mieles al Tequila* [w R Pla] Mex City, Mex; 61p.

†**Tapscott**, Sydney (25 Nov 1886–28 Aug 1943); RSA farmer & miner; degree at Univ of Cape Town; collected & photographed succ plants during 1930s in Griqualand West, Botswana & Zambia;
disc *species*:
(Huernia) **levyi** (Botswana, Zambia, Zimbabwe) 1928 (desc by AA Obermeyer 1936 & na B Levy),
(Stapelia) **tapscottii** (Botswana, North-West, Limpopo) c1927 (desc & nah by IC Verdoorn 1927) —> **Orbea tapscottii** by LC Leach 1975.

†**Taquet**, (Fr) Emile Joseph (30 Oct 1873–27 Jan 1952); French missionary priest & bot collectoer; ordained as a priest 1897; to Korea 1897 as a missionary;
explored & collected in Korea;
disc *species*:
(Sedum) **viridescens** (Korea) 1910 (desc by T Nakai 1914) —> **Hypagophytum viridescens** by H Ohba 1977.

†**Tarbouriech**, (Dr) AP; French pharmacist;
PhD in pharmacy at Montpellier Univ 1886;
Book [1886] *Des Euphorbiacées, Leurs Laticifères, Leur Latex. Synthèse* Montpellier, France; French; 48p.

†**Tardieu-Blot**, (Dr med) Marie Laure (1902–23 Mar 1998); French pharmacist, physician, pteridologist & botanist; PhD in pharmacy 1933 & MD 1935 at Paris Univ; pteridologist at Natural History Museum, Paris 1964; dir of Tropical Phanerogamic Bot Laboratory 1967; collected in Indo-China;
***species* nah:**
(Euphorbia) tardieuana (Mada) (desc & nah by JD Leandri 1946).

Tarsky, Sue; US writer of juvenile books;
Book [1980] *The Prickly Plant Book* London, Eng; Eng; 41p w color illustrations by Grahame Corbett & Will Giles.

†**Tashiro**, [Tashiro Antei,] Yasusada (1856–1928); {Tash.}; Japanese botanist in Taiwan; pioneer in Taiwan bot studies w Taiwan Governor General's Office;
species **nah:**

(Kalanchoe) **tashiroi** (Taiwan) (desc & nah by Y Yamamoto 1926).

†**Tashiro**, Zentarô (1872–1947); {Z.Tash.}; Japanese botanist;
disc *species*:

(Sedum) **zentaro-tashiroi** (Japan) 1909 (desc & nah by T Makino 1910).

†**Tatarinow**, (Dr med) Alexander Alexejevitch (1817–6 Oct 1886); {Tat.}; Russian physician & botanist; MD at St. Petersburg 1839; author of catalogue of Chinese drugs;
species **nah:**

(Sedum) **tatarinowii** (Mongolia, China) (desc & nah by CJI Maximowicz 1883)
—> **Hylotelephium tatarinowii** by H Ohba 1977.

†**Tate**, [née Durrenberger,] **Joyce** Lenore (28 Sep 1909–30 Jan 1994); US botanist, historian, & horticulturist in Colton, Calif; majored in botany & history at Univ of Calif, Los Angeles 1931; researcher & collector of c&s in early 1930s; had nursery in Riverside County, Calif 1938–c1941; founding member of Howard E Gates C&SS, Riverside, Calif 1959; CSSA Fellow award 1979 & a Special Service award plaque w a decoupage of a prolifically blooming yellow Opuntia mounted on a beveled background 1987 (designed & created by Gladys & Frank Fielding, El Monte, Calif); spouse Harry Archibald Tate;
Book [1971] editor of *The Cactus Cook Book* Arcadia, Calif; Eng; 128p.

†**Taton**, Auguste (25 Jan 1914–27 Oct 1989); {Taton}; Belgium; collected in Morocco, Burundi, `Democratic Rep of the Congo, Rwanda;
desc *species*:

(Stapelia) **kagerensis** [w J-PA Lebrun] 1948.

Tavormina, Giuseppe (fl. 1998); {Tavorm.};
desc *variety*:

(Sedum dasyphyllum var) **elisae** (Italy) 1999;
desc *forma*:

(Sedum dasyphyllum fa) **donatianum** 1999.

†**Taylor**, Robert [Bob] J & Suzanne; El Cajon, Calif;
owners of Taylor's Cactus Gardens nursery; charter members of San Diego & Palomar C&SSs; explored in Mex, including Baja Calif;
species **na them:**

(Mamm) **tayloriorum** (San Pedro Island off Sonora) (desc by CE Glass & RA Foster 1975 & disc by IM Johnston 1921).

†**Taylor**, Edward (3 Jan 1848–1928); British grower of succ — Mesembs; spouse Emma Taylor;
species **nah:**
(Mesemb) **taylorianum** (Cape) (desc & nah by MK Dinter & MHG Schwantes 1925) —> **Conophytum taylorianum** by NE Brown 1926,
(Mesemb) **taylori** (Eastern Cape) (desc & nah by NE Brown 1915) —> **Corpuscularia taylori** by MHG Schwantes 1926.

†**Taylor**, Edward [**Ted**] Service (23 Nov 1906–12 Dec 1989); US in S Gate, Calif; orthotist & prosthetist; founding member of Long Beach Cactus Club 1933 & pres 1985–86, & of Los Angeles C&SS 1935; explored in sw US & Baja Calif; CSSA pres 1960–63 & Fellow 1967; CSSA Affiliate Chairman & editor of Affiliate Reporter 1969–78; curator of Clarence B. Wrignt Memorial Garden at Rancho San Pedro in Compton, Calif 1979–88; spouse Virginia [Ginny] Taylor;
species **nah:**
(Conophytum) **edwardii** (Cape) (desc & nah by MHG Schwantes 1929) —> **Conophytum piluliforme** ssp **edwardii** by SA Hammer 1993.

Taylor, Jacqui (1962–); Zimbabwe illustrator for advertising agencies in London & Zimbabwe: writer & illustrator of children books; owner of *Fraser Design* in Zimbabwe;
Book [2005] *A Baobab is Big*; Eng; 80p; (juvenile).

Taylor, (Dr) **Nigel** Paul (1956–); {N.P.Taylor}; British botanist to Singapore 2011; BSc in botany at Univ of Reading, UK 1977; horticultural taxonomist 1977–86, herbarium taxonomist 1986–95 & curator of living plant collections at]Royal Bot Gardens, Kew, Eng 1995-2011; dir of Singapore Botanic Gardens 2011~; specializes in systematics & biogeography of Cactaceae, taxonomy of succ, bot nomenclature & conservation of succ plants; assistant editor of CSSGB journal 1979–82; IOS member 1980 & on BoD 1984–93; first editor [w DR Hunt] of BCSS yearbook *Bradleya* 1983–86 & 1990–92 & w CC Walker]1987–89; explored in Tenerife, Canary Islands 1977, Baja Calif 1983, Mex 1986, 1987, 1994,Venezuela 1987–88, Brazil 1988–89, 1990, 1990–91, 1995, 2000–04, Chile 1990, Cuba 2005; contributor to F Katterman's *Eriosyce* 1994 book; part-time PhD at Open Univ, UK 2000; spouse DC Zappi;
Book [1985] *The Genus Echinocereus* Kew; Eng; 160p w 12 color plates,
[1991] *The Genus Melocactus (Cactaceae) in Central & S Amer*; Kew, Eng; Eng; 80p w 33 color photos,
[1991] *IOS Index of Names of Cactaceae pub 1950–90* [w U Eggli] Kew, Eng; Eng; 222p,
[1994] *List of Names of Succ Plants (other than Cacti) from Repertorium Plantarum Succulentarum (1950–92* [w U Eggli] Kew; Eng; 176p,
[1994] *Threatened Cacti of Mex* [w EF Anderson, A Cattabriga & S Arias Montes] Kew, Eng; Eng; 135p,
[2000] *taxonomy &Phtogeopgraphy of the Cactaceae of Eastern Brazil* Milton Keynes, UK; Eng; 398p; (PhD thesis),

.

[2002] *Studies in the Opuntioideae (Cactaceae)* [w DR Hunt] Milborne Port, Eng; Eng; 255p; (editors of),

[2004] *Cacti of Eastern Brazil* [w DC Zappi] Kew; 499p w 279 color photos;

disc *species*:

(Opuntia) **werneri** [w UV Eggli & DC Zappi] (Bahia, Minas Gerais) (desc by UV Eggli 1992 & na Werner J Uebelmann) —> **Tacinga werneri** by NP Taylor & WH Stuppy 2002;

desc *species*:

(Cereus) **kroenleinii** (Paraguay, Bolivia, Brazil) 1995 (disc by R Kiesling & MF Kroenlein 1987 & na MF Kroenlein),

(Cereus) **mirabella** (Brazil) 1991,

(Cipocereus) **laniflorus** [w DC Zappi] (Minas Gerais) 1997 (disc by DC Zappi et al. 1990),

(Copiapoa) **ahremephiana** [w GJ Charles] (Antofagasta) 2002 (disc by RM Ferryman 1984 & na his spoken initials),

(Copiapoa) **decorticans** [w GJ Charles] (Antofagasta) 2002 (disc by RM Ferryman 1984),

(Discocactus) **pseudoinsignis** [w DC Zappi] (Brazil) 1991,

(Echeveria) **compressicaulis** [w UV Eggli] (Venezuela) 2002,

(Echinocereus) **leucanthus** (Sinaloa, Sonora) 1985,

(Echinocereus) **rayonesensis** (Nuevo Leon) 1988,

(Melocactus) **andinus** (Venezuela) 1991 (disc by him 1987),

(Melocactus) **caroli-linnaei** (Jamaica) 1991 (na C Linnaeus who first named it *Cactus melocactus* in 1753),

(Pilosocereus) **azulensis** [w DC Zappi] (Minas Gerais) 1997 (disc by both & MM Harley 1988),

(Pilosocereus) **frewenii** [w DC Zappi] (Minas Gerais) 2011 (disc by DC Zappi & NP Taylor 2009 & na C Frewen),

(Rhipsalis) **agudoensis** (Rio Grande do Sul) 2003 (disc by L Horst & WJ Uebelmann ≈1987),

(Rhipsalis) **ewaldiana** [w WA Barthlott] (Rio de Janeiro) 1995 (na E Ewald),

(Rhipsalis) **hoelleri** [w WA Barthlott] (Espirito Santo) 1995 (disc by B Orssich 1987 & na W Holler),

(Rhipsalis) **juengeri** [w WA Barthlott] (Sao Paulo) 1995 (na E Jünger),

(Rhipsalis) **olivifera** [w DC Zappi] (Rio de Janeiro, São Paulo) 1997 (disc by G Martinelli & JE Simonis 1983),

(Rhipsalis) **ormindoi** [w DC Zappi] (Rio de Janeiro) 1997 (disc by CMB Correia 1990 & na P Ormindo),

(Thelocactus) **beguinii** (Coahuila, Nuevo Leon, San Luis Potosi) 1983 (disc by ? Beguin & nah) —> **Turbinicarpus beguinii** by A Mosco & C Zanovello 1997;

transfer *species*:

"Acanthocereus sicariguensis" (LCM Croizat & F Tamayo 1947) —> **Pseudoacanthocereus sicariguensis** 1992,

“Arthrocereus odorus” (F Ritter 1979) —> **Arthrocereus melanurus** ssp **odor** DC Zappi 1997,

“Cactus erinaceus” (AH Haworth 1819) —> **Parodia erinacea** 1987,

"Cactus ottonis" (JGC Lehmann 1827) —> **Parodia ottonis** 1987,

“Cactus scopa” (KPJ Sprengel 1825) —> **Parodia scopa** 1987,

“Cactus serpentinus” (M Lagasca & JD Rodrigues 1801) —> **Peniocereus serpentinus** 1987.

“Cephalocereus delaetii” (RLA Gurke 1909) —> **Echinocereus longisetus** ssp **delaetii** 1997,

“Cephalocereus smithianus” (NL Britton & JN Rose 1920) —> **Praecereus euchlorus** ssp **smithianus** 1997,

“Cereus amazonicus” (FKJ Vaupel 1913) —> **Praecereus euchlorus** ssp **amazonicus** 1920,

“Cereus balansae” (KM Schumann 1890) —> **Harrisia balansae** [w DC Zappi] 1997,

“Cereus chloranthus” (GT Engelmann 1856) —> **Echinocereus viridiflorus** ssp **chloranthus** 1997,

“Cereus crassisepalus” (AFH Buining & AJ Brederoo 1973) —> **Cipocereus crassisepalus** [w DC Zappi] 1991,

“Cereus euchlorus” (KM Schumann 1897 —> **Praecereus euchlorus** 1997,

“Cereus glaziovii” (KM Schumann 1890) —> **Arthrocereus glaziovii** [w DC Zappi] 1991,

“Cereus luetzelburgii” (FKJ Vaupel 1923) —> **Stephanocereus luetzelburgii** [w UV Eggli] 1991,

“Cereus saxicola” (T Morong1893) —> **Praecereus saxicola** 1997,

“Cereus schmollii” (W Weingart 1931) —> **Echinocereus schmollii** 1985,

“Cereus uruguayanus” (R Kiesling 1982) —> **Cereus hildmannianus** ssp **uruguayanus** 1998,

“Cleistocactus horstii” (PJ Braun 1982) —> **Cleistocactus baumannii** ssp **horstii** 1998,

“Coleocephalocereus decumbens” (F Ritter 1968) —> **Coleocephalocereus fluminensis** ssp **decumbens** [w DC Zappi] 1997,

“Coleocephalocereus flavisetus” (F Ritter 1979) —> **Coleocephalocereus buxbaumianus** ssp **flavisetus** [w DC Zappi] 1997,

"Copiapoa haseltoniana" (C Backeberg 1957) —> **Copiapoa cinerea** ssp **haseltoniana** 1997,

“Coryphantha asperispina” (F Boedeker 1929) —> **Escobaria missouriensis** ssp **asperispina** 1998,

“Coryphantha laredoi” (CE Glass & RA Foster 1978) —> **Escobaria laredoi** 1979,

"Coryphantha scheeri" (AC Lemaire 1868) —> **Coryphantha robustispina** ssp **scheeri** 1998,

"Coryphantha runyonii" (NL Britton & JN Rose 1923) —> **Coryphantha macromeris** ssp r**unyonii** 1998,

“Discocactus boomianus” (AFH Buining & AJ Brederoo 1971) —> **Disocactus zehntneri** ssp **boomianus** [w DC Zappi] 1991,

"Echinocactus concinnus" (HB de Monville 1839) —> **Parodia concinna** 1987,

“Echinocactus crassihamatus” (FAC Weber 1895) —> **Sclerocactus uncinatus** ssp **crassihamatus** 1998,

"Echinocactus erectocentrus" (JM Coulter 1896) —> **Sclerocactus erectocentrus** 1987,

“Echinocactus herteri” (E Werdermann 1936) —> **Parodia herteri** 1987,

“Echinocactus intertextus” (GT Engelmann 1856) —> **Echinomastus intertextus** 1987,

"Echinocactus johnsonii" (GT Engelmann 1871) —> **Sclerocactus johnsonii** 1987,

“Echinocactus lecontei” (GT Engelmann 1856) —> **Ferocactus cylindraceus** ssp **lecontei** 1998,

“Echinocactus macrochele” (E Werdermann 1931) —> **Turbinicarpus schmiedickeanus** ssp **macrochele** 1998,

“Echinocactus mammulosus” (AC Lemaire 1838) —> **Parodia mammulosa** 1987,

“Echinocactus scheeri” (JMF Salm-Dyck 1850) —> **Sclerocactus scheeri** 1987,

“Echinocactus sinuatus” (AG Dietrich 1851) —> **Ferocactus hamatacanthus** ssp **sinuatus** 1998,

“Echinocactus spiralis” (LKG Pfeiffer 1837) —> **Ferocactus latispinus** ssp **spiralis** 1998,

“Echinocactus uncinatus” (LKG Pfeiffer & MJF Otto 1848) —> **Sclerocactus uncinatus** 1987,

“Echinocactus unguispinus” (GT Engelmann 1848) —> **Sclerocactus unguispinus** 1987,

"Echinocereus baileyi" (JN Rose 1909) —> **Echinocereus reichenbachii** ssp **baileyi** 1997,

“Echinocereus boyce-thompsonii” (CR Orcutt 1926) —> **Echinocereus fasciculatus** ssp **boyce-thompsonii** 1997,

"Echinocereus fitchii" (NL Britton & JN Rose 1922) —> **Echinocereus reichenbachii** ssp **fitchii** 1997,

“Echinocereus floresii” (C Backeberg 1949) —> **Echinocereus sciurus** ssp **floresii** 1997,

“Echinocereus fobeanus” (H Oehme 1940) —> **Echinocereus chisosensis** ssp **fobeanus** 2005,

“Echinocereus gentryi” (EU Clover 1938) —> **Echinocereus scheeri** ssp **gentryi** 1997,

“Echinocereus leonensis” (A Mathsson 1891) —> **Echinocereus pentalophus** ssp **leonensis** 1997.

“Echinocereus lindsayi” (J Meyran 1975) —> **Echinocereus ferreirianus** ssp **lindsayi** 1997,

“Echinocereus morricalii” (J Riha 1975) —> **Echinocereus viereckii** ssp **morricalii** 1997,

“Echinocereus perbellus” (NL Britton & JN Rose 1922) —> **Echinocereus reichenbachii** ssp **perbellus** 1997,

“Echinocereus ochoterenae” (J Gonzalez Ortega 1928) —> **Echinocereus subinermis** ssp **ochoterenae** 1997,

“Echinocereus rectispinus” (RH Peebles 1938) —> **Echinocereus fendleri** ssp **rectispinus** 1997,

“Echinocereus schwarzii” (AB Lau 1982) —> **Echinocereus adustus** ssp **schwarzii** 1997,

“Echinocereus tayopensis” (WT Marshall 1956) —> **Echinocereus stoloniferus** ssp **tayopensis** 1997,

“Echinocereus tulensis” (H Bravo-Hollis 1973) —> **Echinocereus cinerascens** ssp **tulensis** 1997,

“Echinocereus weinbergii” (W Weingart 1912) —> **Echinocereus pulchellus** ssp **weinbergii** 1997,

“Echinomastus mariposensis” (JP Hester 1945) —> **Sclerocactus mariposensis** 1987,

“Escobaria) chaffeyi” (NL Britton & JN Rose 1923) —> **Escobaria dasyacantha** ssp **chaffeyi** 1998,

“Escobaria henricksonii” (CE Glass & RA Foster 1977) —> **Escobaria chihuahuensis** ssp **henricksonii** 1998,

“Facheiroa estevesii” (PJ Braun 1986) —> **Facheiroa cephaliomelana** ssp **estevesii** [w DC Zappi] 1997,

“Ferocactus coloratus” (HE Gates 1933) —> **Ferocactus gracilis** var **coloratus** 1998,

“Ferocactus gatesii” (GE Lindsay 1955) —> **Ferocactus gracilis** ssp **gatesii** 1998,

“Ferocactus reppenhagenii” (G Unger 1974) —> **Ferocactus alamosanus** ssp **reppenhagenii** 1998;

“Ferocactus tortulospinus” (HE Gates 1933) —> **Ferocactus cylindraceus** ssp **tortulispinus** 1998,

“Floribunda pusilliflora” (F Ritter 1979) —> **Cipocereus pusilliflorus** [w DC Zappa] 1991,

“Mamm papyracantha” (GT Engelmann 1849) —> **Sclerocactus papyracanthus** 1987,

“Mamm tobuschii” (WT Marshall 1952) —> **Sclerocactus brevihamatus** ssp **tobuschii** 1995,

“Melocactus caesius” (HL Wendland 1840) —> **Melocactus curvispinus** ssp **caesius** 1991,

“Melocactus dawsonii” (H Bravo-Hollis 1965) —> **Melocactus curvispinus** ssp **dawsonii** 1991,

“Melocactus hernandezii” (JL Fernandez-Alonso & GM Xhonneux 2002) —> **Melocactus andinus** ssp **hernandezii** 2003,

“Melocactus longicarpus” (AJ Brederoo & AFH Buining 1974) —> **Melocactus ernestii** ssp **longicarpus** 1991,

“Melocactus onychacanthus” (F Ritter 1966) —> **Melocactus bellavistensis** ssp **onychacanthus** 1991,

“Neolloydia warnockii” (LD Benson 1969) —> **Sclerocactus warnockii** 1987,

“Notocactus allosiphon” (EH Marchesi 1972) —> **Parodia allosiphon** 1987,

“Notocactus buiningii” (F Buxbaum 1968) —> **Parodia buiningii** 1987,

“Notocactus crassigibbus” (F Ritter 1970) —> **Parodia crassigibba** 1987,

“Notocactus horstii” (F Ritter 1966) —> **Parodia horstii** 1987,

"Notocactus mueller-melchersii" (C Backeberg 1936) —> **Parodia mueller-melchersii** 1987,

“Notocactus neohorstii” (J Theunissen 1981) —> **Parodia neohorstii** 1987,

“Notocactus werdermannianus” (WF Herter 1942) —> **Parodia werdermanniana** 1987,

“Opuntia estevesii” (PJ Braun 1990) —> **Tacinga saxatilis** ssp **estevesii** [w WH Stuppy] 2002,

"Opuntia inamoena" (KM Schumann 1890) —> **Tacinga inamoena** [w WH Stuppy] 2002,

"Opuntia palmadora (NL Britton & JN Rose 1919) —> **Tacinga palmadora** [w WH Stuppy] 2002,

“Pilocereus bradei” (C Backeberg & O Voll 1942) —> **Cipocereus bradei** [w DC Zappi] 1991,

“Pilocereus mortensenii” (LCM Croizat 1950) —> **Cereus mortensenii** [w DR Hunt] 1991,

“Piptanthocereus calcirupicola” (F Ritter 1979) —> **Cereus jamacaru** ssp **calcirupicola** [w DC Zappi] 1997,

“Piptanthocereus sericifer” (F Ritter 1979) —> **Cereus fernambucensis** ssp **sericifer** [w DC Zappi] 1997,

"Platyopuntia saxatilis" (R Ritter 1979) —> **Tacinga saxatilis** [w WH Stuppy] 2002,

“Rhipsalis hohenauensis” (F Ritter 1979) —> **Rhipsalis floccose** ssp **hohenauensis** [w WA Barthlott] 1995,

"Rhipsalis pittieri" (NL Britton & JN Rose 1923) —> **Rhipsalis floccosa** ssp **pittieri** [w WA Barthlott] 1995,

“Rhipsalis pulvinigera” (GA Lindberg 1889) —> **Rhipsalis floccosa** ssp **pulvinigera** [w

WA Barthlott] 1995,

"Rhipsalis shaferi" (NL Britton & JN Rose 1923) —> **Rhipsalis baccifera** ssp **shaferi** [w WA Barthlott] 1995,

“Rhipsalis tucumanensis” (FAC Weber 1892) —> **Rhipsalis floccosa** ssp **tucumanensis** [w WA Barthlott] 1995,

“Strombocactus schwarzii” (EW Shurly 1948) —> **Turbinicarpus schmiedickeanus** ssp **schwarzii** 1998,

"Thelocactus lloydii" (NL Britton & JN Rose 1923) —> **Thelocactus hexaedrophorus** ssp **lloydii** 1998,

“Thelocactus schwarzii” (C Backeberg 1950) —> **Thelocactus bicolor** ssp **schwarzii** 1998,

“Thrixanthocereus senilis” (F Ritter 1961) —> **Espostoa senilis** 1978,

“Turbinicarpus klinkerianus” (C Backeberg & HJH Jacobsen 1948) —> **Turbinicarpus schmiedickeanus** ssp **klinkerianus** 1998;

desc *subsp*:

(Arthrocereus melanurus ssp) **magnus** [w DC Zappi] (Minas Gerais) 1997,

(Cipocereus minensis ssp) **leiocarpus** [w DC Zappi] (Minas Gerais) 2004 (disc by NP Taylor et al. 1991),

(Ferocactus fordii ssp) **borealis** (Baja Calif) 2002 (disc by DJ Ferguson 1984),

(Melocactus pachyacanthus ssp) **viridis** (Brazil) 1991,

(Melocactus violaceus ssp) **margaritaceus** (Brazil) 1991 (disc by CT Rizzini & A de Mattos 1981),

(Melocactus violaceus ssp) **ritteri** (Brazil) 1991 (disc by F Ritter 1964 & nah),

(Rhipsalis baccifera ssp) **hileiabaiana** [w WA Barthlott] (Bahia) 1995 (disc by JL Hage & HS Brito 1983),

(Rhipsalis floccosa ssp) **oreophila** [w DC Zappi] (Brazil) 1998 (disc by F Ritter 1964),

(Rhipsalis paradoxa ssp) **septentrionalis** [w WA Barthlott] (Brazil) 1995;

(Tacinga inamoena ssp) **subcylindrica** [w MC Machado] (Bahia) 2003 (disc by U Eggli 1988);

transfer *subsp*:

"Schlumbergera truncata ssp kautskyi” (JF Horobin & AJS McMillan 1991) —> **Schlumbergera kautskyi** 1991;

desc *variety*:

(Ariocarpus fissuratus var) **hintonii** [w WH Stuppy] (San Luis Potosi) 1989 (disc by GS Hinton 1984 & nah) —> **Ariocarpus bravoanus** ssp **hintonii** by EF Anderson & WA Fitz Maurice 1997,

(Ceropegia rupicola var) **stictantha** (Yemen) 1980,

(Echinocereus bristolii var) **pseudopectinatus** (Sonora, Arizona) 1985 (disc by AB Lau c1973) —> **Echinocereus pseudopectinatus** by him 1989,

(Echinocereus cinerascens var) **septentrionalis** (San Luis Potosi, Zacatecas) 1988 (disc by him 1986) —> **Echinocereus cinerascens** ssp **septentrionalis** by him 1997,

(Echinocereus parkeri var) **gonzalezii** (Mex) 1988 (na F Gonzalez Medrano) **Echinocereus parkeri** ssp **gonzalezii** by NP Taylor 1997,

(Echinocereus pulchellus var) **sharpii** (Nuevo Leon) 1989 (na PR Sharp) —> **Echinocereus**

pulchellus ssp **sharpii** by NP Taylor 1997,

(Echinocereus stramineus var) **occidentalis** (Durango) 1988 (disc by him 1986) —> **Echinocereus stramineus** ssp **occidentalis** by him 1997;

transfer *variety*:

"Cactus radiosus var alversonii" (JM Coulter 1894) —> **Escobaria alversonii** 1997,

"Cereus pectinatus var armatus" (H Poselger 1853) —> **Echinocereus reichenbachii** ssp **armatus** 1997,

"Cereus thurberi var littoralis" (MK Brandegee 1904) —> **Stenocereus thurberi** ssp **littoralis** 1998,

"Cereus viridiflorus var cylindricus" (GT Engelmann 1856) —> **Echinocereus viridiflorus** ssp **cylindricus** 1997,

"Echinocactus emoryi var rectispinus" (JM Coulter 1896) —> **Ferocactus emoryi** ssp **rectispinus** 1998,

"Echinocactus polycephalus var xeranthemoides" (JM Coulter 1896) —> **Echinocactus polycephalus** ssp **xeranthemoides** 1998,

"Echinocactus uncinatus var wrightii" (GT Engelmann 1856) —> **Sclerocactus uncinatus** ssp **wrightii** 1998,

"Echinocereus rigidissimus var rubispinus" (GRW Frank & AB Lau 1982) —> **Echinocereus rigidissimus** ssp **rubispinus** 1997,

"Ferocactus acanthodes var eastwoodiae" (LD Benson 1969) —> **Ferocactus cylinraceus** ssp **eastwoodiae** 2002,

"Ferocactus fordii var grandiflorus" (GE Lindsay 1955) —> **Ferocactus chrysacanthus** ssp **grandiflorus** 1998,

"Ferocactus macrodiscus var septentrionalis" (J Meyran 1987) —> **Ferocactus macrodiscus** ssp **septentrionalis** 1998,

"Ferocactus recurvus var greenwoodii" (CE Glass 1968) —> **Ferocactus latispinus** ssp **greenwoodii** 2005,

"Hariota epiphylloides var bradei" (PC Porto & A Castellanos 1941) —> **Hatiora epiphylloides** ssp **bradei** [w WA Barthlott] 1995,

"Pereskia grandifolia var violacea" (BE Leuenberger 1986) —> **Pereskia grandifolia** ssp **violaceae** [w DC Zappi] 1997,

"Rhipsalis paradoxa var catenulata" (MW Kimnach 1992) —> **Rhipsalis pacheco-leonis** ssp **catenulata** [w WA Barthlott] 1995,

"Thelocactus bicolor var flavidispinus" (C Backeberg 1941) —> **Thelocactus bicolor** ssp **flavidispinus** 1998,

"Turbinicarpus schmiedickeanus var dickisoniae" (CE Glass & RA Foster 1982) —> **Turbinicarpus schmiedickeanus** ssp **dickisoniae** 1998;

transfer *forma*:

"Echinocereus enneacanthus fa brevispinus" (WO Moore 1967) —> **Echinocereus enneacanthus** ssp **brevispinus** 1997.

†**Taylor**, (Dr hc) Norman (18 May 1883–5 Nov 1967); British to US 1889; botanist; honorary PhD from Washington College, Chestertown, Maryland; museum

assistant to NL Britton at NY Bot Garden; collected in West Indies 1904–11; curator of plants at Brooklyn Bot Garden 1911–29; bot editor for Webster's New International Dictionary c1945 & for Amer Heritage Dictionary c1960; Wrote books on gardening & nature conservation; spouse Bertha [née Fanning] Taylor (30 Jul 1883–3 Jul 1980), bot illustrator;
Book [1936] *The Garden Dictionary* San Francisco, Calif; Eng;
888p w 21 color plates; (editor of);
disc *species*:
(Opuntia) **taylori** [w GV Nash] (Haiti) 1905 (desc & nah by NL Britton & JN Rose 1908).

†**Taylor**, Ronald J (1932–1998); US botanist; prof of botany & plant ecology at

.Western Washington Univ, Bellingham 30 yrs;
Book [1998] *Desert Wildflowers of N Amer*; Eng; 360p.

†**Taylor**, (Revd) Wm Ernest (25 Jan 1856–Oct 1927); British missionary in East Africa 1880–96; spouse Catherine [née Tesseyman] Taylor (–1959);
disc *species*:
(Aloe) **rabaiensis** (Kenya, Tanzania, Somalia) 1885 (desc by AB Rendle 1895).

†**Taylor**, WR; Grahamstown, RSA;
***species* nah:**
(Delosperma) **taylorii** (Eastern Cape) (desc & nah by MHG Schwantes 1927).

Tchen-ngo, Liou — See **Liou**, Tchen-ngo.

Teeman, Lawrence;
Book [1977] *C&OS* (from Consumer Guide) Skokie, Illinois; Eng; 80p w color illustrations; (editor of).

†**Tegelberg**, Gilbert [**Gil**] Harold, Sr (19 Sep 1896–5 Mar 1983); US nurseryman in Lucerne Valley, Calif, 1958~; owner of *Tegelberg Cactus Gardens* w spouse 1921~; explored & collected in mainland Mex & Baja Calif in 1930s–50s; famous for unique bigeneric cultivar **xFerobergia** 'Gil Tegelberg' (desc by CE Glass), a cross between Ferocactus & Leuchtenbergia; CSSA Fellow award 1971; spouse Frances Ruth [née Edgren] Tegelberg (1900–1989);
disc *species*:
(Mamm) **tegelbergiana** [w HE Gates] (Chiapas) 1953 (desc & nah by GE Lindsay 1966) —> **Mamm albilanata** ssp **tegelbergiana** by DR Hunt 1997.

†**Tegeler**, Wilhelm (17 May 1893–26 Jan 1960); Ger farmer & politician; councilor in Hamburg;
***species* nah:**
(Lobivia) **tegeleriana** (Peru) (desc & nah by C Backeberg 1936) —> **Echinopsis tegeleriana** by DR Hunt 1987.

Teissier, Marc; {M.Teissier}; French horticulturist; curator at Les Cedres near Nice, France 2002; IOS member 1993; collected in Mada 1993–94 w WHH Rauh & H Petignat;
Book [2006] *Madagascar, A Paradise at Risk* [w T Botta & S Blanchy] Italy; Eng; 64p;
disc *species*:
(Aloe) **teissieri** (Mada) 1994 (desc & nah by JJ Lavranos 2002),
(Euphorbia) **mahabobokensis** [w H Petignat & WHH Rauh] (Mada) 1993 (desc by WHH Rauh 1995);
desc *species*:
(Aloe) **zombitsiensis** [w WHH Rauh] (Mada) 2000,
(Ceropegia) **hermannii** [w WHH Rauh] (Mada) 1996 (na Hermann Petignat),
(Cynanchum) **sigridiae** [w U Meve] (Mada) 1996 (na Sigrid Liede).

Teixeira, (Mr) J Brito (fl. 1974); Angolan botanist at Divisão de Botânica e Fitogeografia, Nova Lisboa, Angola;
***species* nah:**
(Euphorbia) **teixeirae** (Angola) (desc & nah by LC Leach 1974),
(Kalanchoe) **teixeirae** (Angola) (desc & nah by RMS Fernandes 1980).

Tekiela, Stan; US naturalist & wildlife photographer; BS in Natural history at Univ of Minnesota;
Book [2008] *Cactus of Arizona Field Guide* [w R & N Bowers]; Eng; 236p,
▪[2009] *Cactus of Texas Field Guide*; Eng; 362p.

Teles, FFF — See **Feitosa-Teles**, FF.

†**Telfair**, (Dr med) Charles (1778–14 Jul 1833); Irish surgeon, naturalist & gardener; MD 1797; medical officer in British navy 1797–1806; founded & worked at bot garden in Pamplemousses, Mauritius 1826–29; founded bot garden in Réunion; first pres of Société d'Histoire Naturelle d l'Ile Maurice 1829; collected in Mauritius & Réunion; spouse Anabella [née Chamberlain] Telfair (–1832);
***genus* nah:**
Telfairia (Tropical Africa) (desc & nah by WJ Hooker 1827).

†**Templeman**, Robert (–1895); RSA; worked at bot garden in Cape Town w J McGibbon & P MacOwan ≈1881; had nursery in Rosebank, Cape Town 1881~;
disc *species*:
(Caralluma) **acutiloba** (Cape) c1908 (desc by NE Brown 1909);
disc *variety*:
(Pectinaria articulata var) **namaquensis** (Little Namaq) 1899 (desc by NE Brown 1909).

†**Tenore**, Michele (5 May 1780–19 Jul 1861); {Ten.}; Italian botanist; medicine graduate at Univ of Naples 1800; dir of bot garden 1850 & prof of botany at Univ of Naples 1809–60;

desc *species*:
(Boussingaultia) **cordifolia** (Brazil, Paraguay, Argentina) 1853 —> **Anredera cordifolia** by CGG van Steenis 1957,
(Opuntia) **amyclaea** (Mex) 1826,
(Sedum) **magellense** (Italy, Greece, Crete, Turkey) 1811.

†**Ter-Chatschaturova**, S Yakovlevna (1 Feb 1902–); {Ter-Chatsch.}; Russian botanist;
desc *species*:
(Sempervivum) **sosnowskyi** (Georgia A) 1947 (disc by A Dzhavahishvily 1938 & na DI Sosnowsky).

†**Teran**, [Terán,] Manuel de Mier y (18 Feb 1789–3 Jul 1932); {Terán}; Mex revolutionary, military commander & intellectual scientist;
desc *species*:
(Jatropha) **cathartica** [w JL Berlandier] (Texas, Mex) 1832.

†**Terazima**, Ryô'an; Japanese;
Book [1713] *Wakan-Sansai-Zue* = "Illustrated Encyclopedia covering Chinese & Japanese subjects"; Japanese; (some descriptions of cacti).

†**Terracciano**, (Prof) Achille (5 Oct 1861–8 Aug 1917); {A.Terracc.}; Italian botanist; curator at Instituto Botanica, Roma 1886–93; prof of botany at Univ of Sassari, Sardinia (island off western Italy) 1906~; explored w A Pappi in Eritrea 1892–93;
Book [1885] *Primo Contributo ad Una Monografia Delle Agave* = "First Contribution to a Monograph of Agave" Napoli, Italy; Italian; 58p + 5 folding plates;
disc *species*:
(Spathulopetalum) **dicapuae** [w A Pappi] (Eritrea, Ethiopia, Somalia, Kenya) 1892 (desc & nah by E Chiovenda 1912 & na E Di Capua —> **Caralluma dicapuae** by E Chiovenda 1937;
desc *species*:
(Agave) **ragusae** (Mex) 1897 (na H Ragusa);
transfer *species*:
"Trichosiphym australe" (HW Schott & SFL Endlicher 1832) —> **Brachychiton australis** 1898.

†**Terscheck**, Carl Adolf (2 Apr 1782–22 Jun 1869); {Tersch.}; Saxon (Ger) botanist; co-founder of Bot Garden in Dresden; court gardener at 'Japanese Palais' garden in Dresden 1809~;
***species* nah:**
(Cereus) **terscheckii** (Argentina) (desc & nah by AAC de Parmentier 1837) —> **Echinopsis terscheckii** by H von Friedrich & GD Rowley 1974.

†**Tesitel**, Jan J;

Book [1924] *Pěstování Kaktusů a Jinych, Jim Podobných Rostlin Tućnolistých* Prague, Czech Rep; Czech; 186p.

†**Tessmann**, (Dr hc) Günther (2 Apr 1884–15 Nov 1969); Ger ethnologist; collected in Cameroon & Gabon 1904–10, Peru 1923–26 & Brazil 1936–55; honorary doctorate at Univ of Rostock, Ger 1930;
disc *species*:
(Hypocyrta) **tessmannii** (Brazil) 1948 (desc & nah by FC Hoehne 1958) —> **Nematanthus tessmannii** by A Chautems 1984.

†**Testu**, **Georges** Marie Patrice Charles **le** (8 Jan 1877–14 Apr 1967); French colonial administrator & traveler; collected in Dahomey 1900–02, Mozambique 1904–96 & Gabon & Ubangi-Shari (Central African Rep) 1907–34; at bot garden in Caen, France 1935; specialized in western African flora;
***species* nah:**
(Brachystelma) **letestui** (Gabon) (desc & nah by F Pellegrin 1926),
(Euphorbia) **letestui** (Cameroon, Gabon) (desc & nah by J Raynal 1966);
disc *species*:
(Monadenium) **letestuanum** (Central African Rep) 1921 (desc by M Denis 1922);
disc *variety*:
(Monadenium letestuanum var) **rotundifolium** (Central African Rep) 1922 (desc by PRO Bally 1959).

†**Teuscher**, Heinrich [Henry] (8 May 1891–9 Aug 1984); {Teusch.}; Ger gardener, landscape architect, botanist, dendrologist & orchidologist; gardener in Berlin-Dahlem 1919–21; to US 1922; botanist w Arnold Arboretum at Harvard Univ, Massachucetts 1922–23, Morton Arboretum at Lisle, Illinoins 1923–26, Boyce Thompson Arboretum at Superior, Arizona 1926–32 & NY Bot Garden 1932–36; curator at Montreal, Canada bot garden 1936–72; explored in Ecuador; spouse Rosa [née Simon] Teuscher;
Book [1963] *Handbook on Succ Plants* NYC; Eng; 68p; (editor of).

†**Thackery**, Frank A (c1872–); US; superintendent of Gila River Indian School & Reservation, Sacaton, Arizona; spouse Bessie N Thackery;
Book [1929] *The Giant Cactus of Arizona (The use of its Fruits & other Cactus Fruits by the Indians)* [w AR Leding]; Eng; 14p.

Thaithong, [née Na Thaland,] (Prof) (Dr) Obchant; {Thaithong}; Thailand botanist & taxonomist; PhD degree; prof of botany at Chulalongkorn Univ, Bankok, Thailand; interested in Asclepiadaceae of Thailand;
desc *species*:
(Hoya) **thailandica** (Thailand) 2001 (disc by her).

Theart, (Major) Ian; RSA military service & succ enthusiast;

***species* nah:**
(Argyroderma) **theartii** (Cape) (desc & nah by EJ van Jaarsveld 1997).

Thelander, Per; Swedish horticulturist;
Book [1985] *Kaktus fra Naturen* Copenhagen; Dutch; 65p w 89 color photos; (covers cactus from Baja Calif).

†**Thellung**, (Prof) (Dr) Albert (12 May 1881–26 Jun 1928); {Thell.}; Swiss botanist; PhD at Zürich Univ 1905; dir of bot museum & prof at Zürich Univ 1909~;
transfer *species*:
"Sempervivum tomentosum" (CB Lehmann & GF Schnittspahn 1856) —> **Sempervivum arachnoideum** ssp **tomentosum** [w H Schinz] 1923.

Theodorus, Jacobus — See **Bergzaben**, JT von.

†**Theophrastus**, Eresios [Eresius] (c370–287 **BC**); {Theophr.}; known as Theophrastus of Eresus, Lesbos, Greece; earlier given name was Tyrtamus;
Greek philosopher, historian & botanist; student of Plato & Aristotle in Athens, Greece; dir at Lyceum Peripatetic school (established by Aristotle) 322 **BC**~;
recognized as 'the father of botanical science'; wrote treatises on classification, morphology & reproduction of plants; divided plant kingdom into trees, shrubs, subshrubs & herbs;
classified plants according to determinate & indeterminate inflorescence, superior & inferior ovary positions, & recognized the difference between polypetalous & gamopetalous corollas;
recorded some 500 plant names; 2 major works on plants:
Book [c300 **BC**] *Inquiry into Plants*; deals w morphology & classification of plants; (1916 Eng edition reprint includes 4 succ; London, Eng; in 2 Vols),
[c300 **BC**] *Causes of Plants*; deals w physiology & reproduction of plants.

Theunissen, Joseph (fl. 1977); {J.Theun.}; Netherlands;
Book [1978–85] *Notocactus* [w J Neduchal] Neu-Isenburg; Ger; 234p; (in 5 Parts);
[1979] Part 2; 23p;
[1981] Part 4; 113p;
[1985] Part 5; 29p,
[1979] *Notocactus 2 : Angaben Aller Erst Beschreibungen Literaturlisten 1894–1978* Oud-Gastel, Netherlands; Dutch; 23p;
desc *species*:
(Notocactus) **neohorstii** (Brazil) 1981 —> **Parodia neohorstii** by NP Taylor 1987.

†**Thiebaut**, [Thiébaut,] Pierre;
Book [1931] *Cactées et Plantes Grasses (Culture et Multiplication)* Paris, France; French; 48p; (1946, 68p).

Thiede, (Dr) Joachim (1963–) {Thiede}; Ger botanist; IOS member 1992 & editor of

IOS Bulletin 2003–04; prof at Hamburg Univ;
Book [1993] *Kakteen und Andere Sukkulenten, Vol 3* Kiel,
[2002] *Kakteen und andere Sukkulenten in Brazilien* = "Cacti of Brazil" [w D Metzing] Bremen; Ger/Eng; 235p,
[2004] *Biodiversity & Ecology, Vol 2* [w M Veste, N Jurgens & D Metzing]; Eng/Ger; 250p; (includes articles on Mesembs & Stapeliads);
***species* nah:**
(Villadia) **thiedei** (Peru) (desc & nah by G Pino & N Cieza 2009 & disc by San Marcos Bot Garden team 2003);
desc *species*:
(Agave) **apedicella** [w U Eggli] (San Luis Potosi) 1999,
(Agave) **confertiflora** [w U Eggli] (Chihuahua) 1999,
(Agave) **dolichantha** [w U Eggli] (Jalisco) 1999,
(Agave) **duplicata** [w U Eggli] (Mex) 1999,
(Agave) **neonelsonii** [w U Eggli] (Durango) 1999 (na EW Nelson),
(Agave) **neopringlei** [w U Eggli] (Mex) 1999 (na CG Pringle),
(Agave) **polianthes** [w U Eggli] 1989,
(Agave) **producta** [w U Eggli] (Guerrero) 1999,
(Agave) **rosei** [w U Eggli] (Nayarit) 1999 (na JN Rose),
(Agave) **stictata** [w U Eggli] (Guerrero) 1999,
(Gibbaeum) **hartmannianum** [w IM Niesler] (Western Cape) 2012 (na HEK Hartmann);
(Sedum) **plicatum** [w H 't Hart] (Ancash) 1999;
transfer *species*:
"Agave lata" (LH Shinners 1951) —> **Agave virginica** ssp **lata** [w U Eggli] 2001,
"Bravoa bulliana" (JG Baker 1884) —> **Agave bulliana** [w U Eggli] 1999,
"Cotyledon decipiens" (JG Baker 1870) —> **Sedum decipiens** [w H 't Hart] 1999,
"Cotyledon weberbaueri" (FLE Diels 1906) —> **Sedum weberbaueri** [w H 't Hart] 1999,
"Manfreda chamelensis" (EJ Lott & SE Verhoek-Williams 1991) —> **Agave chamelensis** [w U Eggli] 1999,
"Manfreda fusca" (PF Ravenna 1987) —> **Agave fusca** [w U Eggli] 2001,
"Manfreda involuta" (R McVaugh 1989) —> **Agave involata** [w U Eggli] 1999,
“Manfreda longibracteata” (SE Verhoek-Williams 1978) —> **Agave longibracteata** [w U Eggli] 1999,
"Manfreda nanchititlensis" (E Matuda 1974) —> **Agave nanchititlensis** [w U Eggli] 1999,
“Manfreda sileri” (SE Verhoek-Williams 1978) —> **Agave sileri** [w U Eggli] 1999,
"Polianthes bicolor" (E Solano & AJ Garcia-Mendoza 1998) —> **Agave bicolor** [w U Eggli] 2001,
"Polianthes graminifolia" (JN Rose 1903) —> **Agave duplicata** ssp **graminifolia** [w U Eggli] 1999,
“Polianthes howardii” (SE Verhoek-Williams 1976) —> **Agave howardii** [w U Eggli] 1999,
"Polianthes palustris" (JN Rose 1903) —> **Agave palustris** [w U Eggli] 1999,
"Polianthes platyphylla" (JN Rose 1903) —> **Agave platyphylla** [w U Eggli] 1999,
"Villadia reniformis" (HJH Jacobsen 1958) —> **Sedum reniforme** [w H 't Hart] 1999;

desc *variety*:
(Sinocrassula indica var) **maculosa** (Yunnan) 1999;
transfer *variety*:
"Polianthes geminiflora var clivicola" (R McVaugh 1989) —> **Agave duplicata** ssp **clivicola** [w U Eggli] 1999.

†**Thiery**, [Thiéry de Menonville,] Nicholas-Joseph (18 Jun 1739–1780); French lawyer & botanist; to Mex & S Amer 1776; interested in opuntia pads & live cochineal insects;
Book [1787] *Traité de la Culture du Nopal et de L'Education de la Cochenille, Dans les Colonies Francaises de L'Amerique, Precede d'un Voyage a Guaxaca* Cape Francais, France; 677p; (pub after death from manuscripts).

†**Thiselton-Dyer**, (Sir) Wm Turner [born Dyer, Wm Turner Thiselton (Thistelton)] (28 Jul 1843–23 Dec 1928); {Dyer, Th.-Dyer or T.-Dyer}; British systematic botanist; BSc at London Univ 1880; prof of natural history at Royal Agricultural College, Cirencester, Gloucestershire, UK 1868–70; prof of botany at Royal College of Science, Dublin, Ireland 1870–72 & at Royal Horticultural Soc, London 1872–76;
succeeded JD Hooker as dir at Kew 1885–1905; editor of *Flora Capensis* 1891~ &
of *Curtis Bot Magazine* 1905–06; FLS 1872; FRS 1880; knighted 1899;
{spouse Lady Harriet Ann [née Hooker] Thiselton-Dyer (23 Jun 1854–16 Dec 1945) was an artist of note for Curtis's Bot Magazine (example: Hoodia bainii) & daughter of JD Hooker;}
Book [1868–1917] *Flora of Tropical Africa* [by D Oliver & D Prain] Ashford, Eng; Eng; 595p; (in 8 Vols); (Vol 3 on Liliaceae 1898; 203p); (editor of),
[1896] *Flora Capensis: Systematic Description of the Plants*;
***species* nah:**
(Aloe) **dyeri** (Mpumalanga) (desc & nah by S Schonland 1905),
(Kalanchoe) **dyeri** (Malawi) (desc & nah by NE Brown 1904);
desc *species*:
(Aloe) **barberae** (Mozambique, Natal, Swaziland) 1874 (na ME Barber),
(Decabelone) **barklyi** (RSA, Namibia, Botswana, Zimbabwe) 1875 (disc by MHK Lichtenstein 1805 & na H Barkly) —> **Tavaresia barklyi** by NE Brown 1903,
(Hoodia) **bainii** (Cape, Namibia) 1878 (disc by JF Drege c1830 & na TC Bain),
(Hoodia) **barklyi** (Cape) 1876 (disc by (Mr) Lycett 1873 & na Barkly),
(Raphionacme) **hirsuta** (RSA).

†**Thoburn**, Wilbur Wilson (10 Jun 1859–6 Jan 1899); US; zoology graduate student 1891; assistant prof at Stanford Univ, Calif;
disc *species*:
(Talinum) **guadalupense** [w ? Green & ? Wing] (Guadelupe Island) 1897 (desc by WR Dudley 1899).

†**Thomas**, ?;
disc *variety*:

(Caralluma retrospiciens var) **glabra** (Kenya) (desc by NE Brown 1904).

†**Thomas**, Dora (fl. 1915); owner of Hotel Thomas in Guatemala where species was found;
***species* nah:**
(Agave) **thomasae** (Guatemala) (desc & nah by WA Trelease 1915).

†**Thomas**, Fritz (–12 Aug 1931); Ger cactus hobbyist; accountant at Reichsbank;
Book [1896] *Kurze Anleitung zur Zimmerkultur der Kakteen* Neudamm, Ger; Ger; 51p,
[1901] *Zimmerkultur der Kakteen* Neudamm; Ger; 60p,
[1925] *Zimmerkultur Kaktus* Neudamm; Ger; 80p,
[1928] *Zimmerkultur der Kakteen* [w H Socnik] Neudamm; 96p;
***species* nah:**
(Phyllocactus) **thomasianus** (Chiapas, Guatemala) (desc & nah by KM Schumann 1895) —> **Epiphyllum thomasianum** by NL Britton & JN Rose 1913.

Thomas, Gerald W;
Book [1956] *Response of Pricklypear to Grazing & Control Measures* [w RA Darrow]; Eng; 14p.

Thomas, Hans-Peter (1957–); Ger craftsman & educator; interested in cacti 1973~, especially S Amer Opuntioids; spouse Helga Thomas;
Book [1996] *Zasammenfassung der Beobachtungen über Fundortbedingungen und Kulturerfahrungen bei der Gattung Tephrocactus Lemaire* [w K Gilmer] Zweibrücken, Ger; Ger; 45p w 34 color photos.

†**Thomas**, (Prof) (Dr) John Hunter (26 Mar 1928–20 Jul 1999); {J.H.Thomas}; US biologist & biogeographer; PhD at Stanford Univ under IR Wiggins 1959; prof of biological sciences at Stanford Univ 1958–95; spouse Susan [née Davidson] Thomas;
desc *variety*:
(Calyptridium parryi var) **hesseae** (Calif) 1956 —> **Cistanthe parryi** var **hesseae** by

.JT Kartesz & KN Gandhi 1991.

Thomasson, G;
Book [1970] *Contribution A L'EtudeMorphologique de Quelques Euphorbia Malgaches* Paris, France, French; 66p; (thesis).

†**Thompson**, (Prof) Charles Henry (23 Jun 1870–1931); {C.H.Thomps.}; US botanist, mycologist & taxonomist; botanist at Missouri Bot Garden 1895–96 & in charge of succ plants 1904–15; prof of horticulture at Massachusetts College, Amherst 1915~;
Book [1898] *Cacti Commonly Cultivated under the Generic Name Anhalonium* St Louis, Missouri; Eng; 8p,

[1912] *Ornamental Cacti: Their Culture & Decorative Value* DC; Eng; 24p,
[1930] *Cacti* [w D Griffiths] DC; Eng; 25p;

genus **nah:**

Thompsonella (Mex) (desc & nah by NL Britton & JN Rose 1909);

species **nah:**

(Yucca) **thompsoniana** (Texas, Chihuahua, Coahuila, Nuevo Leon) (desc & nah by WA Trelease 1911 & disc by JN Bigelow 1852);

desc *species*:

(Crassula) **fimbriata** (Morelos) 1911,
(Sedum) **versadense** (Oaxaca) 1911.

†**Thompson**, [née Eastwood] Edith **Awdry** [Googoo]
.(2 Jan 1895–2 Aug 1991); Woodbush, Limpopo, RSA; collected in RSA;
disc *species*:

(Aloe) **thompsoniae** (Limpopo) (desc & nah by BH Groenewald 1936).

†**Thompson**, Louis Clifford (29 Feb 1920–1997); RSA farmer & naturalist near Magoebaskloof; explored & collected in s Africa; spouse Eva [née Horstmeier] Thompson; mother S Thompson;

disc *species*:

(Aloe) **monotropa** (Limpopo) 1958 (desc by IC Verdoorn 1961).

Thompson, Robert [Bob]; US forester; works at US Forest Service, Price, Utah;

species **nah:**

(Talinum) **thompsonii** (Arizona) (desc & nah by ND Atwood & SL Welsh 1985).

†**Thompson**, (Col) Wm **Boyce** (13 May 1869–27 Jun 1930); US mining engineer & philanthropist; founded Boyce Thompson Arboretum 60 miles east of Phoenix, Arizona 1 Apr 1924; spouse Gertrude [née Hickman] Thompson;

species **nah:**

(Echinocereus) **boyce-thompsonii** (Arizona) (desc & nah by CR Orcutt 1926)
—> **Echinocereus fasciculatus** ssp **boyce-thompsonii** by Taylor 1997.

†**Thomsen**, Hans; Danish nurseryman who specialized in cacti;
Book [1905] *Kaktus* Copenhagen, Denmark; Danish; 66p; (rev 1935 w 208p).

Thomson, George (1943–); {G.Thomson}; UK;
Book [2002] *Debreceni Pozsgástár* Hungary; translated into Hungarian by Zoltan Rigerszki; 10p; (original in Eng in Bradleya 20/2002 = "A re-evaluation of the taxonomic status of the genus Melocactus in Aruba, Netherlands Antilles"),
[2009] *Melocactus care & cultivation* Libri, Tradate, Italy; Eng; 94p w 113 color photos;

transfer *species*:

"Melocactus koolwijkianus" (WFR Suringar 1886) —> **Melocactus curvispinus** ssp

koolwijkianus 2002.

Thomson, Paul H (fl. 1993); {P.H.Thomson};

US grower of dudleyas near Bonsall, Calif 1954~;
Book [1993] *Dudleya & Hasseanthus Handbook* Bonsall; Eng;
248p w 64 plates of 320 color photos,
[2002] *Pitayaha (Hylocereus species)* San Diego, Calif; Eng; 46p.

†**Thomson**, (Dr med) Thomas (4 Dec 1817–18 Apr 1878); {Thomson); British physician, naturalist & botanist; MD at Glasgow Univ 1839; surgeon at British East India Company ≈1854; worked & collected in India & Tibet 1842–49; botanized w JD Hooker in Himalayas 1849–51; manager of Calcutta Bot Garden, India 1854–61; FRS 1855;

species **nah:**
(Hoya) **thomsonii** (India, Tibet, China) (desc & nah by JD Hooker 1883);

desc *species*:
(Sedum) **bupleuroides** [w JD Hooker] ((India, Nepal, Sikkim, Bhutan, Tibet, Myanmar, sw China) 1858 —> **Rhodiola bupleuroides** by SH Fu 1965,
(Sedum) **crenulatum** [w JD Hooker] (Nepal, Sikkim, Bhutan, Tibet, China) 1858 —> **Rhodiola crenulata** by H Ohba 1976,
(Sedum) **fastigiatum** [w JD Hooker] (Kashmir, India, Nepal, Sikkim, Bhutan, Tibet, sw China) 1858 —> **Rhodiola fastigiata** by SH Fu 1965,
(Sedum) **heterodontum** [w JD Hooker] (Afghanistan, Pakistan, Tadzhikistan, Kashmir, India, Nepal, Tibet, Mongolia, China) 1858 —> **Rhodiola heterodonta** by AG Borissova 1939,
(Sedum) **humile** [w JD Hooker] (Nepal, Sikkim, Tibet, China) 1858 —> **Rhodiola humilis** by SH Fu 1965,
(Sedum) **perpusillum** [w JD Hooker] (India, Sikkim) 1858,
(Sedum) **tibeticum** [w JD Hooker] (Afghanistan, Pakistan, Kashmir, India, sw Tibet) 1858 —> **Rhodiola tibetica** by SH Fu 1965.

Thongpukdee, (Dr) Aree; {Thongp.}; Thailand botanist; BSc in botany at Chulalongkorn Univ, Thailand; PhD in botany at Queensland Univ, Australia;

desc *variety*:
(Gynura drymophila var) **glabrifolia** [w PI Forster] (Queensland) 1988.

†**Thonner**, Franz (11 Mar 1863–21 Apr 1928); {Thonner}; Austrian botanist & taxonomist; scientist of independent wealth; collected in n Africa 1891 & in Congo Basin 1896;

desc *genus*:
Solenostemon (Africa, Asia, Malesia) 1827.

†**Thonning**, Peter (9 Oct 1775–29 Jan 1848); {Thonn.}; Danish botanist; studied medicine & natural sciences at Copenhagen; explored in Danish Guinea (Ghana) 1799–1803; co-dir of Royal Natural History Museum 1829~;

desc *species*:

(Euphorbia) **drupifera** (Africa, Ghana, Cameroon, Uganda) 1827 —> **Elaeophorbia drupifera** by O Stapf 1906,

(Euphorbia) **lateriflora** [w HCF Schumacher] (Ghana to Nigeria) 1829,`

(Sesuvium) **brevifolium** [w HCF Schumacher] (Guinea) 1829.

†**Thornber**, (Prof) (Dr) John James (8 Feb 1872–22 Nov 1962); {Thornb.}; US botanist; prof of botany & dir of herbarium at Univ of Arizona, Tucson 1901–43; dir of Univ of Arizona Experiment Station 1921–28 & botanist there 1928~; collected at Tucson Mtns, Pima County, Arizona 1901~; first spouse Harriet Ann [née Brown] Thornber (1874–); second spouse Miriam [née Rainier] Thornber;

Book [1911] *Native Cacti as Emergency Forage Plants* [w AE Vinson] Tucson, Arizona; Eng; 63p,

[1918] *Soapweed or Palmilla (Yucca elata) as emergency forage* Arizona; Eng,

[1930] *The Sage of the Desert and other Cacti* [w F Bonker] Boston, Massachusetts; Eng; 106p,

[1932] *The Fantastic Clan: The Cactus Family* [w F Bonkers] NYC; Eng; 194p + 4 color plates,

[1940] *The Cacti of Arizona* [w AA Nichol & LD Benson] Tucson, Arizona; Eng; 134p; (third edition rev 1969 w LD Benson only as author; 218p);

***species* nah:**

(Mamm) **thornberi** (Arizona) (desc & nah by CR Orcutt 1902);

desc *species*:

(Echinocereus) **bonkerae** [w F Bonker] (Arizona) 1932 (na F Bonker).

†**Thorncroft**, George (22 May 1857–19 Jul 1934); British merchant & horticulturist; to RSA 1882; collected in RSA 1889~; sent seeds, bulbs & specimens to JM Wood in Durban & to Eng & US;

***genus* nah:**

Thorncroftia (Mpumalanga, Limpopo) (desc & nah by NE Brown 1912);

***species* nah:**

(Plectranthus) **thorncroftii** (Mpumalanga) (desc & nah by SLM Moore 1918) —> **Thorncroftia thorncroftii** by LEW Codd 1961;

disc *species*:

(Aloe) **thorncroftii** (Mpumalanga) c1913 (desc & nah by IB Pole Evans 1917),

(Brachystelma) **chlorozonum** (Limpopo, Mpumalanga, Natal) (desc by EA Bruce 1938).

†**Thorne**, Charles W (1906–1962); RSA naturalist; museum assistant at S African

Museum, Cape Town 1916; collected in RSA;
disc *species*:
(Tylecodon) **decipiens** (Namibia, Northern Cape) 1933 (desc by HR Toelken 1978).

Thorne, (Dr) Francis Martin (1939–); US botanist; PhD at Univ of Georgia 1965;
Book [1977] *The Taxonomy of the genus Nolina MICHX. (Agavaceae) in the Southeastern US* (1965 PhD thesis) Ann Arbor, Michigan; Eng; 272p.

†**Thorne**, Kaye H (19 Feb 1939–30 Apr 2004); {K.H.Thorne]; US botanist;
spouse James M Thorne;
desc *species*:
(Sclerocactus) **blainei** [w SL Welsh] (Utah, Nevada) 1985 (disc by Blaine T Welsh 1980 & nah) —> **Sclerocactus spinosior** ssp **blainei** by F Hochstatter 1995.

Thorwarth, H-J;
Book [1991] *Kakteen-Büchlein* Leipzig; 128p w 51 color photos.

Thouars, — See **Petit-Thouars**, Abel du & Louis-Marie Aubert du.

†**Thrask**, (Mr) ?;
***species* nah:**
(Aloe) **thraskii** (Eastern Cape, Natal) (desc & nah by JG Baker 1880).

†**Thudichum**, Jacques (7 Nov 1893–1985); Swiss horticulturist; to RSA 1913; worked on a ranch in RSA 3 yrs; worked at Karoo Desert Natl Bot Gardens at Worcester, RSA & curator 1945–58; spouse Ivy Doris [née Bath] Thudichum;
***species* nah:**
(Drosanthemum) **thudichumii** (Cape) (desc & nah by HML Bolus 1958,
(Huernia) **thudichumii** (Western Cape) (desc & nah by LC Leach 1988);
disc *species*:
(Aloinopsis) **thudichumii** (Cape) 1949 (desc & nah by HML Bolus 1954) —> **Deilanthe thudichumii** by SA Hammer 1995,
(Stapelia) **thudichumii** (Northern Cape) 1954 (desc & nah by NS Pillans 1959) —> **Tromotriche thudichumii** by LC Leach 1982.

Thuhellengonn, [Thühellengonn,] Vadulia (Bruyns, Peter Vincent); pseudonym of an RSA amateur botanist;
***species* nah:**
(Caralluma) **vaduliae** (Somalia) (desc & nah by JJ Lavranos 1991 & disc by FK Horwood 1985).

Thulin, (Prof) (Dr) Mats Ingmar (6 Jan 1948–); {Thulin}; Swedish botanist;
PhD at Uppsala Univ, Sweden 1975; prof in systematic botany at Uppsala Univ 2000~;

explored in Somalia, Ethiopia, Kenya, Tanzania, Yemen & Socotra;
Book [1993–99] *Flora of Somalia* Kew, Eng; Eng; (in 4 Vols);
[1993] Vol 1 *Introduction*; 493p w 4 color plates (24 photos) & w Crassulaceae 6p, Euphorbia & Monadenium 33p;
[1995] Vol 4 *Angiospermae*; 298p w 4 color plates (24 photos) & w Agave & Sansevieria by MI Thulin & Aloe by JJ Lavranos;
[1999] Vol 2 *Angiospermae*; 303p w 4 color plates (24 photos) & w Adansonia 2p, Aloe 1p, Cissus 4p, Commiphora 42p, Cyphostemma 6p, Dorstenia 5p;
disc *species*:
(Ceropegia) **microgaster** [w MG Gilbert] (Ethiopia) 1975 (desc by MG Gilbert 2003),
(Ceropegia) **recurvata** [w MG Gilbert] (Ethiopia) 1975 (desc by MG Gilbert 2003),
(Euphorbia) **ammophila** (Somalia) 2000 (desc by S Carter & M Dioli 2005);
desc *species*:
(Caralluma) **lamellosa** [w MG Gelbert] (Somalia) 2005 (disc by MI Thulin, A Dahir, A Khalid & A Osman 2001) —> **Pleuralluma lamellosa** by DCH Plowes 2008,
(Cyphostemma) **cornus-africani** 1999,
(Echidnopsis) **golobosa** [w ML Hjertson] (Yemen) 1995,
(Euphorbia) **applanata** [w AN Al-Gifri] (Yemen) 1995,
(Kalanchoe) **subrosulata** (Somalia, Kenya) 1993,
(Momordica) **littorea** (Kenya, Somalia) 1991,
(Tetragonia) **retusa** (Somalia) 1993.

†**Thunberg**, (Dr med) **Carl** [Karl] Pehr [Per, Peter, Petter] (11 Nov 1743–8 Aug 1828); {Thunb. or Thunbg.}; Swedish physician, naturalist & botanist; student of C Linnaeus w Medicus Candidate degree 1767;
MD at Uppsala Univ. Sweeden 1772; physician at Dutch East Indian Company; referred to as 'the father of S African Cape botany'; explored & collected RSA flora 1772–75 & 1778–79 (at various times w A Sparrman, J Auge & then w SF Masson) w some 3,000 species he took back to Sweden; traveled to Java 1775 & 1776–77, Japan 1775–76 & Sri Lanka 1777–78; studied Lithops taxa; succeeded C Linnaeus as prof of botany at Univ of Uppsala 1784~;
Book [1781] *Nova Genera Plantarum* Uppsala, Sweden; 194p; (w 16 thesis'),
[1785] *Dissertatio Botanico-Medica de Aloe* [w A Hesselius] Uppsala, Sweden; 14p,
[1788–93] *Travels in Europe, Africa & Asia 1770–79* Uppsala; Swedish; reprints in Ger, Eng & French; (in 4 Vols);
[1788] vol 1; 389p;
[1789] Vol 2; 384p;
[1791] Vol 3; 414p;
[1793] Vol 4; 341p,
[1791] *Descriptiones Mesembryanthemorum Quorundam in Capitis Bonae Spei Africae Interioribus Regionibus Anno 1774 Detectorum*; 18p; (a dissertation),
[1807–13] *Flora Capensis – sistens plantas Promontorii Bonae Spei Africes…*Uppsala; (in 3 parts); (edited by JA Schultes);
[1807] part 1, 144p;

[1811] part 2, 242p;
[1813] part 3, 192p,
[1824] *Plantarum Capensium Species Novae* = "dissertations" Uppsala; 32p;

desc *genera*:

Augea (Northern Cape, Western Cape) 1794 (na JA Auge),
Cussonia (Africa, Mascarene Islands) 1780 (na P Cusson),
Sansevieria (Africa, India, Yemen) 1794 (na PA Sanseverino);

***species* nah:**

(Crassula) **thunbergiana** (Western Cape, Eastern Cape) (desc & nah by JA Schultes 1820),
(Gasteria) **thunbergii** (Western Cape) (desc & nah by NE Brown 1923) —> **Gasteria carinata** var **thunbergii** by EJ van Jaarsveld 1998,
(Mesemb) **thunbergii** (Eastern Cape) (desc & nah by AH Haworth 1803) —> **Malephora thunbergii** by MHG Schwantes 1928,
(Sarcostemma) **thunbergii** (Cape Verde Islands, Namibia, Western Cape) (desc & nah by G Don 1838) —> **Sarcostemma viminale** ssp **thunbergii** by SL Liede & U Meve 1993,
(Senecio) **thunbergii** (desc by WH Harvey);

disc *species*:

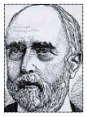
(Brachystelma) **thunbergii** (Eastern Cape, Western Cape) c1773 (desc & nah by NE Brown 1908) —> .0**Brachystelma praelongum** ssp **thunbergii** by C Boele 1989,
(Cotyledon) **cacalioides** (Western Cape) (desc by C von Linne *fil*.1782) —> **Tylecodon cacalioides** by HR Tolken 1978,
(Cotyledon) **papillaris** (Cape) (desc by C von Linne *fil*. 1782),
(Cotyledon) **reticulatus** (Namibia, Cape) (desc by C von Linne *fil*. 1782) —> **Tylecodon cacalioides** by HR Tolken 1978,
(Echites) **bispinosum** (Eastern Cape) 1772–75 (desc by C von Linné 1781) —> **Pachypodium bispinosum** by AP de Candolle 1844,
(Echites) **succulenta** (Western Cape, Northern Cape, Free State) 1772–75 (desc by C von Linné 1781) —> **Pachypodium succulentum** by R Sweet 1830,
(Euphorbia) **mundtii** (Western Cape) c1774 (desc by NE Brown 1915 & na JLL Mund),
(Euphorbia) **stellata** (Eastern Cape) c1774 (desc by KL von Willdenow 1799),
(Mesemb) **truncatum** [w SF Masson] (Little Karoo) 1773 (desc by him 1791) —> **Conophytum truncatum** by NE Brown 1922,
(Mesemb) **uviforme** [w SF Masson] (Cape) 1774 (desc by AH Haworth 1821) —> **Conophytum uviforme** by NE Brown 1922,
(Stapelia) **articulata** (Northern Cape) 1773 (desc by W Aiton 1789) —> **Pectinaria articulata** by AH Haworth 1819,
(Stapelia) **incarnata** (Northern Cape, Namibia) (desc by C von Linne *fil.* 1782) —> **Quaqua incarnata** by PV Bruyns 1983,
(Stapelia) **pilifera** (Namaq) c1773 (desc by C Linnaeus 1781) —> **Trichocaulon piliferum** by NE Brown 1878,
(Stapelia) **tuberosa** (RSA) c1772 (desc by N Meerburgh 1789) —> **Brachystelma tuberosum** by J Sims 1822,
(Tithymalus) **silenifolius** (Western Cape, Eastern Cape) c1774 (desc by AH Haworth 1819)

—> **Euphorbia silenifolia** by R Sweet 1826;
desc *species*:
(Anthericum) **comosum** (Eastern Cape, Natal, Mpumalanga, Limpopo) 1794
—> **Chlorophytum comosum** by HA Jacques 1862,
(Anthericum) **favosum** (Western Cape) 1800 —> **Bulbine favosa**by JJ Roemer & JA Schultes 1829,
(Anthericum) **lagopus** (Western Cape) 1800 —> **Bulbine lagopus** by NE Brown 1931,
(Augea) **capensis** (Namibia, Northern Cape, Western Cape) 1794,
(Cheiranthus) **carnosus** (Western Cape, Eastern Cape, Free State, Gauteng Natal) 1800
—> **Heliophila carnosa** by EG von Steudel 1840,
(Convolvulus) **crispus** (Eastern Cape) 1807 —> **Ipomoea crispa** by EH Hallier 1893,
(Cotyledon) **cuneata** (Northern Cape, Western Cape) 1794 (disc by him),
(Crassula) **alpestris** (Western Cape) 1778,
(Crassula) **barbata** (Northern Cape, Western Cape) 1778,
(Crassula) **capitella** (Free State, Cape) 1778,
(Crassula) **columnaris** (Northern Cape, Western Cape) 1778,
(Crassula) **corallina** (Namibia, Cape, Free State) 1778,
(Crassula) **cordata** (Eastern Cape, Natal) 1778 (disc by SF Masson1774),
(Crassula) **cotyledonis** (Namibia, Cape) 1778 (disc by SF Masson1774),
(Crassula) **crenulata** (Western Cape, Eastern Cape, Natal) 1778,
(Crassula) **decumbens** (Chile, Australia, Northern Cape, Western Cape, Mongolia) 1794,
(Crassula) **deltoidea** (Northern Cape, Western Cape) 1778,
(Crassula) **dentata** (Northern Cape, Western Cape) 1794,
(Crassula) **hemisphaerica** (Western Cape, Eastern Cape) 1778,
(Crassula) **inanis** (Eastern Cape, Free State, Natal, Lesotho, Uganda) 1794,
(Crassula) **mollis** (Eastern Cape, Western Cape) 1778,
(Crassula) **montana** (Western Cape) 1778,
(Crassula) **muricata** (Western Cape) 1794,
(Crassula) **natans** (Cape, Free State, Natal, Gauteng, Mpumalanga) 1794,
(Crassula) **perforata** (Western Cape & Eastern Cape, Natal) 1778,
(Crassula) **pubescens** (Western Cape) 1778,
(Crassula) **pyramidalis** (Western Cape, Eastern Cape) 1778,
(Crassula) **rupestris** (Western Cape, Eastern Cape) 1778,
(Crassula) **spathulata** (Eastern Cape, Western Cape) 1778,
(Crassula) **tecta** (Western Cape) 1778,
(Crassula) **thyrsiflora** (Namibia, Limpopo, Free State, Western Cape, Eastern Cape) 1778
—>**Crassula capitella** ssp **thyrsiflora** by HR Tolken 1975,
(Crassula) **tomentosa** (Western Cape, Northern Cape, Namibia) 1778,
(Crassula) **umbellata** (Western Cape, Northern Cape) 1794,
(Crassula) **vestita** (Northern Cape) 1778,
(Cussonia) **thyrsiflora** (Western Cape, Eastern Cape) 1780,
(Euphorbia) **fasciculata** (Western Cape) 1800 (disc by him c1774),
(Euphorbia) **muricata** (Western Cape) 1800 (disc by him c1775),

(Ipomoea) **simplex** (Eastern Cape) 1794,
(Mesemb) **articulatum** (Namibia, Cape, Free State) 1791 —> **Psilocaulon articulatum** by NE Brown 1926,
(Mesemb) **capillare** (Western Cape & Eastern Cape) 1791 —> **Drosanthemum capillare** by MHG Schwantes 1927,
(Mesemb) **corallinum** (Cape) 1791 —> **Brownanthus corallinum** by H-D Ihlenfeldt & V Bittrich 1985,
(Mesemb) **emarcidum** (Cape) 1791 —> **Sceletium emarcidum** by HJH Jacobsen 1960,
(Mesemb) **fastigiatum** (Western Cape) 1791,
(Mesemb) **filiforme** (Western Cape) 1800 —> **Galenia filiformis** by NE Brown 1922,
(Mesemb) **lanceum** (Little Namaq, Western Cape) 1800 —> **Prenia pallens** ssp **lancea** by M Gerbaulet 1996,
(Mesemb) **moniliforme** (Western Cape) 1791 —> **Monilaria moniliforme** by H-D Ihlenfeldt & S Jorgensen 1973,
(Mesemb) **pruinosum** 1791 —> **Delosperma pruinosum** by JW Ingram 1969,
(Mesemb) **sabulosum** (Western Cape) 1791 —> **Apatesia sabulosa** by HML Bolus 1950,
(Mesemb) **sessile** (Western Cape) 1791 —> **Ruschia sessilis** by HEK Hartmann 1998,
(Mesemb) **spathulatum** (Cape) 1791 (disc by him 1774) —> **Aloinopsis spathulata** by HML Bolus 1954,
(Mesemb) **tetragonum** (Namibia, Northern Cape, Western Cape, Free State) 1800 —> **Prenia tetragona** by M Gerbaulet 1996,
(Mesemb) **trichotomum** (Little Namaq, Western Cape) 1791 —> **Phyllobolus trichotomum** by M Gerbaulet 1997,
(Othonna) **tuberosa** (Western Cape) 1800,
(Pergularia) **edulis** (Western Cape, Eastern Cape, Swaziland) 1794 —> **Fockea edulis** by KM Schumann 1893,
(Portulaca) **caffra** (Kenya to Eastern Cape, Zimbabwe, Namibia) 1800 —> **Talinum caffrum** by CF Eklon & CLP Zeyher 1836,
(Pteronia) **succulenta** (Western Cape) 1800,
(Sansevieria) **aethiopica** (Botswana, Namibia, Zimbabwe, Cape) 1794,
(Sedum) **lineare** (China, Japan) 1784,
(Stapelia) **ciliata** (Western Cape) 1794 (disc by him) —> **Orbea ciliata** by LC Leach 1975,
(Trianthema) **anceps** (Western Cape) 1794 —> **Acrosanthes anceps** by OW Sonder 1862,
(Trianthema) **humifusa** (Cape) 1794 —> **Acrosanthes humifusa** by OW Sonder 1862.

†**Thurber**, (Dr med) George (2 Sep 1821–2 Apr 1890); {Thurb.};
US self-taught chemist, naturalist & botanist; specialized on grasses;
botanist on WH Emory Mex-US Boundary survey expedition to sw US 1850–53; sent cactus to GT Engelmann; w US assay office in NY 1853–56; MS in chemistry at Brown Univ c1857; lecturer on botany at College of Pharmacy, NY 1856–60 & 1865–66; MD at NY Medical College 1859; prof of botany at Michigan Agricultural College 1859–63; succeeded J Torrey as pres of Torrey Bot Club 1873–80;

***species* nah:**
(Opuntia) **thurberi** (Sonora, Sinaloa) (desc & nah by GT Engelmann 1856)
—> **Cylindropuntia thurberi** by FM Knuth 1936;
disc *species*:
(Cereus) thurberi (Arizona, Sonora, Sinaloa, Lower Calif) 1851 (desc & nah by GT Engelmann 1854) —> Stenocereus thurberi by F Buxbaum 1961.



†**Thuret**, Gustave Adolphe (23 May 1817–10 May 1875); French botanist & phycologist; bot researcher 1841~; established bot garden at Cap d'Antibes on French Riviera; specialized in algae; collected in Syria & Egypt;
***species* nah:**
(Huernia) **thureti** (Namibia, Eastern Cape) (desc & nah by JF Cels 1866).

†**Thutmosis III**, [Thutmose III,] (24 Apr 1477–4 Mar 1425**BC**); Egyptian monarch w military exploits into Syria; walls of his temple near Luxor were covered w drawings of plants & animals found in Syria; *Kalanchoe citrina* recognizable on wall of his Festal Chamber in Karnak, Egypt; possibly the first drawing of a succ plant;
main spouse queen was Hatshepsut-Merytre.

†**Tidmarsh**, Edwin (12 Jun 1831–19 Apr 1915); British horticulturist; curator at Grahamstown Bot Garden, RSA 1870–1910;
species nah:
(Aloe ciliaris var) **tidmarshii** (Eastern Cape) (desc & nah by S Schonland 1903).

†**Tiegel**, Ernst (16 Aug 1879–1936); {Tiegel};
Ger horticulturist in Duisburg; Mamm specialist;
***species* nah:**
(Lobivia) **tiegeliana** (Bolivia) (desc by W Wessner 1939 & disc by F Ritter 1931)
—> **Echinopsis tiegeliana** by DR Hunt 1991;
desc *species*:
(Mamm) **morganiana** (Guanajuato, Queretaro) 1933 (na MW Morgan),
(Stenocactus) **ochoterenanus** (Mex) 1933 (na I Ochoterena).

†**Tieghem**, (Prof) (Dr) Phillippe Édouard Léon van (19 Apr 1839–28 Apr 1914); [Tiegh.}; French botanist, plant anatomist & morphologist; DSc at Paris Univ 1867; prof of botany at École des Arts et Métiers at Muséum d'Histoire Naturelle 1879~; originator of floral vascular anatomy of the flower; worked on plant anatomy, stems & roots; prolific writer;
desc *species*:
(Bronnia) **diguetii** (Baja Calif) 1899 (na L Diguet) —> **Fouquieria diguetii** by IM Johnston 1925,
(Mamm) **albescens** (Guanajuato) 1933 —> **Mamm decipiens** ssp **albescens** by DR Hunt 1997.

†**Tiews**, Paul;
Book [1930] *Kakteen und Ihre Behandlung* Stettin; Ger; 38p.

†**Till**, Johann Anton [**Hans**] (16 Dec 1920–24 Jan 2012); {H.Till}; Austrian horticulturist & cactus hobbyist; specialist on Gymnocalycium; co-founder of Austrian "Arbeitsgemeinschaft Gymnocalycium"; IOS member 1982; became an honorary member of *Geselkchaft Osterreichischer Kakteenfreunde* in 2010 for his 50th year of membership & several yrs as chairman in 1970s; explored in Argentina 1987, 1988, 1990, 1993 & 1996; spouse Rosa Till (1926–); son W Till;
desc *species*:
(Gymnocalycium) **achirasense** (San Luis) 1987 (disc by J Genser) —> **Gymnocalycium horridispinum** ssp **achirasense** by GJ Charles 2009,
(Gymnocalycium) **amerhauseri** (Cordoba) 1994 (disc by H Amerhauser 1988 & nah),
(Gymnocalycium) **bayrianum** (Salta, Tucuman) 1987 (disc by F Schickendantz c1964 & na A Bayr),
(Gymnocalycium) **borthii** (San Luis) 1987 (disc by H Borth ≈1976 & nah) —> **Gymnocalycium gibbosum** ssp **borthii** by GJ Charles 2005,
(Gymnocalycium) **horridispinum** (Cordoba) 1987 (disc by H Fechser),
(Gymnocalycium) **neuhuberi** [w W Till] (San Luis) 1992 (disc by G Neuhuber 1988 & nah),
(Gymnocalycium) **pugionacanthum** (Catamarca, La Rioja) 1987 (disc by H Fechser c1964),
(Gymnocalycium) **striglianum** (Mendoza) 1987 (disc by W Rausch c1972 & na F Strigl),
(Melocactus) **schatzlii** [w R Gruber] (Venezuela) 1982 (disc by R Gruber & S Schatzl 1982 & na S Schatzl);
desc *subsp*:
(Gymnocalycium mostii ssp) **ferocior** [w H Amerhauser] (Cordoba) 2002 (disc by H Fechser c1966) —> **Gymnocalycium castellanosii** ssp **ferocior** by GJ Charles 2005,
(Gymnocalycium pflanzii ssp) **argentinense** [w W Till] (Salta) 1988.

Till, (Dr) Walter (12 Jan 1956–); {W.Till}; Austrian botanist & project manager; PhD at Univ of Vienna, Austria 1984; herbarium assistant, curator & assistant professor at Univ of Vienna 1984~; explored in S & Central Amer; spouse Susanne [née Kellar] Till; father JA Till;
desc *species*:
(Gymnocalycium) **neuhuberi** [w JA Till] (San Luis) 1992 (disc by G Neuhuber 1988 & nah),
(Gymnocalycium pflanzii ssp) **argentinense** [w JA Till] (Salta) 1988.

Tillson, Albert H;
Book [1940] *Floral anatomy of the Kalanchoideae*; Eng; 6p.

†**Tineo**, Vincenzo [Vincentius] (27 Feb 1791–25 Jul 1856); {Tineo}; Italian botanist; dir of bot garden & prof of botany at Palermo, Sicily 1814~;
desc *species*:

(Kleinia) **mandraliscae** 1878 (na E Piraino of Mandralisca) —> **Senecio talinoides** ssp **mandraliscae** by GD Rowley 1990,

(Sedum) **aetnense** (s Europe, Spain, Turkey, Iran, Near East, Serbia) 1845.

Ting, (Dr) Irwin P; US botanist at Univ of Calif, Riverside; PhD at Iowa State Univ, Ames; specialist in plant physiology & biochemistry, including cacti; IOS member 1985;
Book [1978] *Crassulacean Acid Metabolism (Analysis of an Ecological Adaption)* [w M Kluge] NYC; Eng; 209p,

[1982] *Crassulaceaen Acid Metabolism (Proceedings of the Fifth Annual Symposium in Botany)* [w M Gibbs] Riverside, Calif; Eng; 316p; (editors of).

Tirduev, C;
Book [1970] *Kaktusy* [w P Sedeh & B Erehman]; Russian; 296p.

†**Tischer**, (Dr) Arthur (20 Apr 1895–7 Sep 2000); {Tisch.}; Ger horticulturist; student of mesembs; large collection of Conophytums; IOS member 1953;
Book [1931] *Mesembryanthema* [w E Labarre (as editor), MKW Karsten & NE Brown] Kent, Eng; Eng/Dutch/Ger; 324p;
species nah & Rolf Rawe:

(Conophytum) **arthurolfago** (Richtersveld) (desc by SA Hammer 2002 & disc by F Stayner);
desc *species*:

(Cheiridopsis) **brownii** [w M Schick] (Little Namaq) 1928 (na NE Brown),

(Cheiridopsis) **minima** (Namaq) 1927 —> **Antimima minima** by HEK Hartmann 1998,

(Cheiridopsis) **schlechteri** (Little Namaq) 1927 (na M Schlechter),

(Conophytum) **auriflorum** (Namaq) 1927 (disc by LG Meyer),

(Conophytum) **cupreatum** (Namaq) 1936 (disc by J Luckhoff 1931) —> **Conophytum pellicudum** ssp **cupreatum** by SA Hammer 1993,

(Conophytum) **cupreiflorum** (Namaq) 1955,

(Conophytum) **ernianum** [w A Loesch] (Great Namaq) 1933 (na F Erni) —> **Conophytum taylorianum** ssp **ernianum** by SA Hammer 1993,

(Conophytum) **fragile** (Little Namaq) 1956 (disc by AGJ Herre 1920s) —> **Conophytum jucundum** ssp **fragile** by SA Hammer 2002,

(Conophytum) **jacobsenianum** (Little Namaq) 1956 (na H Jacobsen),

(Conophytum) **loeschianum** (Namibia) 1931 (disc by H Erni & na A Loesch),

(Conophytum) **nudum** (Cape) 1958 (disc by H Hall 1954) —> **Conophytum minutum** var **nudum** by BK Boom 1973,

(Conophytum) **rauhii** (Namaq) 1967 (disc by WHH Rauh 1961 & nah) —> **conophytum uviforme** ssp **rauhii** 1993,

(Conophytum) **ricardianum** [w A Loesch] (Namibia) 1931 (disc by H Erni c1928 & na Richard Grassner),

(Conophytum) **rostratum** (Richtersveld) 1957 (disc by AGJ Herre) —> **Conophytum quaesitum** var **rostratum** by SA Hammer 1993,

(Conophytum) **subincanum** (Cape) 1960 (disc by AL Geyer) —> **Conophytum uviforme** ssp

subincanum by SA Hammer 1993,
(Conophytum) **terrestre** (Cape) 1960 (disc by AGJ Herre 1957) —> **Conophytum pelludidum** ssp **cupreatum** var **terrestre** by SA Hammer 1993,
(Conophytum) **terricolor** (Namaq) 1934 —> **Conophytum pellucidum** var **terricolor** by SA Hammer 2002,
(Conophytum) **vanheerdei** (Namaq) 1955 (disc by P van Heerde c1950),
(Conophytum) **violaciflorum** [w C Schick] (Namaq) 1928 (disc by H Maughan-Brown),
(Faucaria) **haagei** (Cape) 1929 (na W Haage) —> **Faucaria bosscheana** var **haagei** by H Jacobsen,
(Faucaria) **militaris** 1932,
(Gibbaeum) **nebrownii** (Western Cape) 1937 (na NE Brown),
(Gibbaeum) **schwantesii** (Western Cape) 1937 (na MHG Schwantes),
(Lithops) **halenbergensis** (Namibia) 1932 (disc by FG Eberlanz 1924),
(Lithops) **steineckeana** 1951 (na KSteinecke & his nursery),
(Mesemb) **hugo-schlechteri** (Namaq) 1926 (disc by ? Otto 1924 & na Hugo & Max Schlechter) —> **Titanopsis hugo-schlechteri** by MHG Schwantes 1927,
(Ophthalmophyllum) **latum** (Namaq) 1958 (disc by AGJ Herre c1928) —> **Conophytum maughanii** ssp **latum** by SA Hammer 1993,
(Ophthalmophyllum) **pubescens** (Cape) 1938 —> **Conophytum pubescens** by GD Rowley 1978,
(Schwantesia) **loeschiana** (Great Namaq) 1936 (na A Lösch),
(Titanopsis) **fulleri** (n Cape) 1935 (na ER Fuller),
(Titanopsis) **luderitzii** 1927 (na ? Luderitz);
transfer *species*:
"Argeta petrensis" (NE Brown 1927) —> **Gibbaeum petrense** 1937;
***subsp* nah:**
(Conophytum lithopsoides ssp) **arturolfago** (Cape) (desc & nah & Rolf Rawe by SA Hammer 1993 & disc by R Rawe);
desc *subsp*:
(Conophytum ricardianum ssp) **rubriflorum** (Namibia) 1958 (disc by ? Essman 1954);
desc *variety*:
(Conophytum ectypum var) **brownii** (Cape) 1953 (na NE Brown).

†**Tischler**, (Prof) (Dr) Georg Friedrich Leopold (22 Jun 1878–6 Jan 1955); {Tischler}; Ger botanist & cytologist; PhD at Bonn Univ 1899; prof of botany & dir of bot garden at Univ of Kiel, Ger 1922–51; explored in Java, Ceylon & eastern Africa 1908–09;
spouse Gisela Josepha [née von Funck] Tischler;
***genus* nah:**
Tischleria (Eastern Cape) (desc & nah by MHG Schwantes 1951) (syn of Carruanthus);
***species* nah:**
(Gibbaeum) **tischleri** (Western Cape) (desc & nah by HD Wulff 1949).

†**Tisserant**, Père Charles (14 Oct 1886–28 Sep 1962); French missionary in central

Africa; collected in Africa;
desc *species*:
(Adenia) **tisserantii** (Angola) (desc & nah by A & RSM Fernandes 1958).

Tissue, David T; US; prof at Univ of Calif, Los Angeles;
Book [1990] *Physiological Integrations of Parents & Ramets of Agave deserti (Carbon Relations During Vegetative & Sexually Reproductive Growth)* Los Angeles, Calif; 85p.

Titchmarsh, Alan Fred (2 May 1949–); British gardener, horticultural writer, novelist & television personality w gardening programs; trained at Ilkley Parks Dept Nursery, at Herts College of Architecture & horticulture & at Royal Bot Gardens, Kew;
Book [1984] *Cacti* London, Eng; Eng; 32p.

†**Titman**, ?;
disc *species*:
(Opuntia engelmannii var) **littoralis** (Baja Calif, Calif) 1874 (desc by GT Engelmann 1876) —> **Opuntia littoralis** by TDA Cockerell 1905.

Tkacuk, M;
Book [1972] *Kaktusy* Kiew; 95p.

†**Tobler**, Friedrich;
Book [1931] *Sisal und Andere Agavefasern* Berlin, Ger; 104p.

†**Tobusch**, Herman (–18 Dec 1977) US watchmaker & jeweler in Chicago & horticulturist; cultivated rare & unusual succ;
***species* nah:**
(Mamm) **tobuschii** (Texas) (desc & nah by WT Marshall 1952 & disc by WT Marshall & ER Blakley 1952) —> **Sclerocactus brevihamatus** ssp **tobuschii** by NP Taylor 1995.

†**Todaro**, Agostino [Augustino] (14 Jan 1818–18 Apr 1892); {Tod.}; Italian lawyer & botanist; dir at Palermo bot garden, Sicily, 1856~; specialized in Stapelia & Agave genera;
Book [1876–92] *Hortus Botanicus Panormitanus...*; Italian/Latin; 154p w 40 plates; (in 2 Vols);
[1876–78] Vol 1; 90p;
[1879–92] Vol 2, 64p;
(reprint 1993 Palermo, Italy);
desc *species*:
(Agave) **willdingii** (Cuba?) 1878,
(Aloe) **elegans** (Eritrea, Ethiopia) 1882 (disc by GHW Schimper 1962),
(Aloe) **macrocarpa** (Djibouti, Eritrea, Ethiopia, Cameroon, Ghana, Mali, Nigeria, Sudan) 1875,

(Aloe) **percrassa** (Eritrea, Ethiopia) 1875.

Todzia, (Dr) Carol A; US botanist; PhD at Univ of Texas, Austin 1986; prof of botany at Univ of Texas;
Book [1994] *The University of Texas Herbaria Type Register: Phytologia Memoirs 9* Huntsville, Texas; Eng; 288p; (includes few pages on Agavaceae, Cactaceae & Crassulaceae).

Toelken, [Tölken, Tolken,] (Dr) Hellmut Richard (1 Sep 1939–); {Toelk.}; RSA botanist; PhD w thesis on genus Crassula at Cape Town Univ 1974; to Adelaide, Australia 1979; taxonomist at State Herbarium of S Australia, Adelaide Botanic Garden;
Book [1977] *Crassula –A Revision of the Genus in Southern Africa* Rondebosch, RSA; Eng; 595p; (in 2 parts);

Part 1; 331p; Part 2; 264p,

[1985] *Flora of Southern Africa Vol 14 — Crassulaceae* Pretoria, RSA; Eng; 244p;

desc *genus*:

Tylecodon (RSA, Namibia) 1978 (anagram of genus name Cotyledon);

disc *species*:

(Tylecodon) **pusillus** (Northern Cape) 1971 (desc by PV Bruyns 1989);

desc *species*:

(Adromischus) **diabolicus** (Northern Cape) 1979,
(Adromischus) **fallax** (Western Cape) 1978,
(Adromischus) **inamoenus** (Eastern Cape) 1978,
(Adromischus) **subviridis** (Northern Cape) 1978,
(Amphibolia) **maritima** [w JP Jessop] (Cape) 1976,
(Amphibolia) **stayneri** [w JP Jessop] (Cape) 1976 (na FJ Stayner) —> **Phiambolia stayneri** by C Klak 2003,
(Cotyledon) **halii** (Northern Cape) 1977 (disc by H Hall & nah) —> **Tylecodon occultans** by HR Toelken 1978,
(Cotyledon) **occultans** (Western Cape) 1977 (disc by H Hall) —> **Tylecodon occultans** by HR Toelken 1978,
(Cotyledon) **similis** (Northern Cape) 1977 (disc by H Hall) —> **Tylecodon similis** by HR Toelken 1978,
(Cotyledon) **sulphurea** (Northern Cape) 1977 (disc by WA Harris) —> **Tylecodon sulphureus** by HR Toelken 1978,
(Cotyledon) **viridiflora** (Northern Cape) 1977 (disc by him) —> **Tylecodon viridiflorus** by HR Toelken 1978,
(Crassula) **ammophila** (Northern Cape, Western Cape) 1975,
(Crassula) **brachystachya** (Western Cape) 1975,
(Crassula) **cymbiformis** (Limpopo) 1985,
(Crassula) **elsieae** (Western Cape) 1975 (disc by Elsie E Esterhuysen & nah),
(Crassula) **latibracteata** (Eastern Cape) 1975,
(Crassula) **minuta** (Western Cape, Northern Cape) 1975,

(Crassula) **pustulata** (Western Cape) 1972,
(Crassula) **robusta** (Eastern Cape) 1972 —> **Crassula tetragona** ssp **robusta** by HR Toelken 1975,
(Crassula) **streyi** (Natal) 1973 (na RG Strey),
(Crassula) **tuberella** (Eastern Cape, Free State, Natal, Lesotho) 1975,
(Kalanchoe) **neglecta** (Natal) 1978,
(Kalanchoe) **rubinea** (Transvaal, Swaziland) 1977,
(Tylecodon) **decipiens** (Namibia, Northern Cape) 1978 (disc by C Thorne 1933),
(Tylecodon) **hallii** (Namibia, Northern Cape) 1978 (disc by JF Drege c1834 & na H Hall),
(Tylecodon) **suffultus** (Western Cape) 1978 (disc by PV Bruyns),
(Tylecodon) **torulosus** (Namibia, Northern Cape) 1978 (disc by him),
(Tylecodon) **tuberosus** (Northern Cape) 1978 (disc by HWR Marloth);

transfer *species*:

"Adromischus hallii" (PC Hutchison 1956) —> **Adromischus marianiae** var **hallii** 1978,
"Adromischus juttae" (JKL von Poellnitz 1939) —> **Adromischus schuldtianus** ssp **juttae** 1978,
"Cotyledon kubusensis" (AJA Uitewaal 1953) —> **Adromischus marianiae** var **kubusensis** 1978,
“Adromischus leucothrix” (CA Smith 1939) —> **Tylecodon leucothrix** 1978,
“Cotyledon buchholziana” (H Schuldt & P Stephan 1937) —> **Tylecodon buchholzianus** 1978,
“Cotyledon cacalioides” (C von Linne *fil*. 1781) —> **Tylecodon cacalioides** 1978,
"Cotyledon clavifolia" (AH Haworth 1827) —> **Adromischus cristatus** var **clavifolius** 1978,
“Cotyledon eckloniana” (WH Harvey 1862) —> **Tylecodon wallichi**i ssp **ecklonianus** 1978,
“Cotyledon faucium” (JKL von Poellnitz 1941) —> **Tylecodon faucium** 1978,
"Cotyledon flanaganii" (S Schonland & JG Baker 1902) —> **Cotyledon orbiculata** var **flanaganii** 1979,
“Cotyledon fragilis” (RA Dyer 1971) —> **Tylecodon fragilis** 1978,
“Cotyledon grandiflora” (NL Burman 1768) —> **Tylecodon grandiflorus** 1978,
“Cotyledon hirtifolia” (WF Barker 1938) —> **Tylecodon hirtifolius** 1978,
"Cotyledon ladismithensis" (JKL von Poellnitz 1936) —> **Cotyledon tomentosa** ssp **ladismithensis** 1977,
"Cotyledon marlothii" (S Schonland 1915) —> **Adromischus filicaulis** ssp **marlothii** 1978,
“Cotyledon paniculatus” (C von Linne *fil.* 1782) —> **Tylecodon paniculatuss** 1978,
“Cotyledon pearsoni” (S Schonland 1912) —> **Tylecodon pearsonii** 1978,
“Cotyledon pygmaea” (WF Barker 1930) —> **Tylecodon pygmaeus** 1978,
“Cotyledon racemosa” (WH Harvey 1862) —> **Tylecodon racemosus** 1978,
“Cotyledon reticulatus” (C von Linne *fil.* 1782) —> **Tylecodon reticulatuss** 1978,
“Cotyledon rubrovenosa” (MK Dinter 1932) —> **Tylecodon rubrovenosus** 1978,
"Cotyledon schaeferiana" (MK Dinter 1923) —> **Tylecodon schaeferianus** 1978,
“Cotyledon schonlandii” (EP Phillips 1929) —> **Adromischus cristatus** var **schonlandii** 1978,
“Cotyledon singularis” (RA Dyer 1970) —> **Tylecodon singularis** 1978,

"Cotyledon spuria" (C Linnaeus 1762) —> **Cotyledon orbiculata** var **spuria** 1979,
“Cotyledon striata” (PC Hutchison 1964) —> **Tylecodon striatus** 1978,
“Cotyledon ventricosa” (NL Burman 1768) —> **Tylecodon ventricosus** 1978,
“Cotyledon wallichii” (WH Harvey 1862) —> **Tylecodon wallichii** 1978,
"Cotyledon zeyheri" (WH Harvey 1862) —> **Adromischus cristatus** var **zeyheri** 1978,
“Crassula acutifolia” (C de Lamarck 1783) —> **Crassula tetragona** ssp **acutifolia** 1975,
“Crassula albertiniae” (S Schonland 1917) —> **Crassula capensis** var **albertiniae** 1975,
“Crassula anomala” (S Schonland & EG Baker 1898) —> **Crassula atropurpurea** var **anomala** 1975,
“Crassula brachypetala” (WH Harvey 1862) —> **Crassula pellucida** ssp **brachypetala** 1975,
“Crassula brachyphylla” (RS Adamson 1942) —> **Crassula decumbens** var **brachyphylla** 1975,
“Crassula broomii” (S Schonland 1907) —> **Crassula barbata** ssp **broomii** 1975,
“Crassula commutata” (HC Friedrich 1967) —> **Crassula rupestris** ssp **commutata** 1975,
“Crassula comptonii” (J Hutchinson & NS Pillans 1946) —> **Crassula namaquensis** ssp **comptonii** 1975,
“Crassula connivens” (S Schonland 1907) —> **Crassula tetragona** ssp **connivens** 1975,
“Crassula cooperi” (EA von Regel 1874) —> **Crassula exilis** ssp **cooperi** 1975,
"Crassula cultriformis" (HC Friedrich 1967) —> **Crassula atropurpurea** var **cultriformis** 1975,
“Crassula deminuta” (FLE Diels 1907) —> **Crassula setulosa** var **deminuta** 1975,
“Crassula dregeana” (WH Harvey 1862) —> **Crassula obovata** var **dregeana** 1975,
“Crassula erosula” (NE Brown 1913) —> **Crassula subacaulis** ssp **erosula** 1979,
“Crassula fastigiata” (S Schonland 1929) —> **Crassula subulata** var **fastigiata** 1975,
“Crassula filicaulis” (AH Haworth 1824) —> **Crassula expansa** ssp **filicaulis** 1975,
“Crassula fragilis” (JG Baker 1887) —> **Crassula expansa** ssp **fragilis** 1975,
“Crassula giessii” (HC Friedrich 1974) —> **Crassula ausensis** ssp **giessii** 1975,
“Crassula herrei” (HC Friedrich 1967) —> **Crassula nudicaulis** var **herrei** 1975,
“Crassula heterotricha” (H Schinz 1894) —> **Crassula perfoliata** var **heterotricha** 1975,
“Crassula hottentotta” (HWR Marloth & S Schonland 1929) —> **Crassula sericea** var **hottentotta** 1975,
“Crassula illichiana” (HGA Engler 1907) —> **Crassula globularioides** ssp **illichiana** 1975,
“Crassula laticephala” (S Schonland 1913) —> **Crassula congesta** ssp **laticephala** 1975,
“Crassula leucantha” (S Schonland & EG Baker 1898) —> **Crassula multiflora** ssp **leucantha** 1975,
“Crassula marginalis” (W Aiton 1789) —> **Crassula pellucida** ssp **marginalis** 1975,
“Crassula marnierana” (HFJ Huber & HJH Jacobsen 1951) —> **Crassula rupestris** ssp **marnieriana** 1975,
“Crassula massonii” (J Britten & EG Baker 1897) —> **Crassula alpestris** ssp **massonii** 1975,
“Crassula meyeri” (WH Harvey 1862) —> **Crassula capitella** ssp **meyeri** 1975,
“Crassula minutiflora” (S Schonland & EG Baker 1898) —> **Crassula thunbergiana** ssp **minutiflora** 1975,
“Crassula miriamiae” (CEH Ostenfeld 1918) —> **Crassula colorata** var **miriamiae** 1981,

"Crassula namibensis" (HC Friedrich 1967) —> **Crassula elegans** ssp **namibensis** 1975,
"Crassula nodulosa" (S Schonland 1903) —> **Crassula capitella** ssp **nodulosa** 1975,
"Crassula pachystemon" (S Schonland & EG Baker 1898) —> **Crassula lanuginosa** var **pachystemon** 1975,
"Crassula platyphylla" (WH Harvey 1862) —> **Crassula nudicaulis** var **platyphylla** 1975,
"Crassula promontorii" (S Schonland & EG Baker 1898) —> **Crassula capensis** var **promontorii** 1975,
"Crassula purcellii" (S Schonland 1907) —> **Crassula atropurpurea** var **purcellii** 1975,
"Crassula pyrifolia" (RH Compton 1932) —> **Crassula expansa** ssp **pyrifolia** 1975,
"Crassula quadrangularis" (S Schonland 1903) —> **Crassula montana** ssp **quadrangularis** 1975,
"Crassula rattrayi" (S Schonland & EG Baker 1902) —> **Crassula pubescens** ssp **rattrayi** 1975,
"Crassula rubella" (RH Compton 1931) —> **Crassula atropurpurea** var **rubella** 1975,
"Crassula rudis" (S Schonland & EG Baker 1902) —> **Crassula tetragona** ssp **rudis** 1975,
"Crassula sedifolia" (NE Brown 1902) —> **Crassula exilis** ssp **sedifolia** 1975,
"Crassula sessilicymula" (AOD Mogg 1937) —> **Crassula capitella** ssp **sessilicymula** 1985,
"Crassula thyrsiflora" (CP Thunberg 1778) —> **Crassula capitella** ssp **thyrsiflora** 1975,
"Crassula velutina" (HC Friedrich 1967) —> **Crassula sericea** var **velutina** 1975,
"Crassula virgata" (WH Harvey 1862) —> **Crassula subaphylla** var **virgata** 1975,
"Crassula watermeyeri" (RH Compton 1931) —> **Crassula atropurpurea** var **watermeyeri** 1975,
"Dinacria grammanthoides" (S Schonland 1897) —> **Crassula grammanthoides** 1975,
"Globulea hispida" (AH Haworth 1825) —> **Crassula mesembryanthoides** ssp **hispida** 1975,
"Globulea radicans" (AH Haworth 1827) —> **Crassula pubescens** ssp **radicans** 1975,
"Grammanthes depressa" (CF Eklon & CLP Zeyher 1837) —> **Crassula depressa** 1977,
"Grammanthes sebaeoides" (CF Ecklon & CLP Zeyher 1837) —> **Crassula sebaeoides** 1975,
"Kalanchoe Montana" (RH Compton 1967) —> **Kalanchoe luciae** ssp **Montana** 1978,
"Sedum transvaalense" (CEO Kuntze 1898) —> **Crassula lanceolata** ssp **transvaalensis** 1985,
"Tetraphyle parvula" (CF Eklon & KLP Zeyher 1837) —> **Crassula muscosa** var **parvula** 1975,
"Tillaea alsinoides" (EG Hooker 1864) —> **Crassula pellucisa** ssp **alsinoides** 1975,
"Tillaea acuminata" (FM Reader 1898) —> **Crassula colorata** var **acuminata** 1983;

desc *subsp*:

(Adromischus umbraticola ssp) **ramosus** (Limpopo) 1978,
(Crassula arborescens ssp) **undulatifolia** (Eastern Cape) 1975,
(Crassula brevifolia ssp) **psammophila** (Northern Cape) 1975,
(Crassula corallina ssp) **macrorrhiza** (Namaq) 1975,
(Crassula ericoides ssp) **torulosa** (Western Cape) 1975,
(Crassula expansa ssp) **peculiaris** (Eastern Cape) 1975 —> **Crassula peculiaris** by HR Tolken & GE Wickens 1985,

(Crassula garibina ssp) **glabra** (Northern Cape) 1975,
(Crassula multicava ssp) **floribunda** (Natal) 1975,
(Crassula pellucida ssp) **spongiosa** (Western Cape) 1975,
(Crassula sarcocaulis ssp) **rupicola** (Natal, Limpopo, Mpumalanga, Lesotho, Malawi, Zimbabwe) 1975,
(Crassula sieberiana ssp) **rubinea** (New S Wales) 1983,
(Crassula sieberiana ssp) **tetramera** (Northern Territory) 1981,
(Crassula southii ssp) **sphaerocephala** (Natal to Eastern Cape) 1975,
(Crassula tetragona ssp) **lignescens** (Western Cape, Eastern Cape) 1975,
(Crassula vaginata ssp) **minuta** (Swaziland) 1979,
(Tylecodon reticulatus ssp) **phyllopodium** (Northern Cape, Namibia) 1978;
desc *variety*:
(Cotyledon orbiculata var) **dactylopsis** (Northern Cape, Free State) 1979,
(Cotyledon pygmaea var) **tenuis** (Western Cape) 1977 (disc by H Hall) —> **Tylecodon tenuis** by PV Bruyns 1992,
(Crassula alba var) **pallida** (Mpumalanga, Swaziland) 1979,
(Crassula sarmentosa var) **integrifolia** (Natal) 1975,
(Crassula setulosa var) **longiciliata** (Lesotho, Limpopo, Mpumalanga, Natal) 1975,
(Crassula subulata var) **hispida** (Western Cape) 1975;
transfer *variety*:
"Crassula namaquensis var lutea" (S Schonland 1904) —> **crassula namaquensis** ssp **lutea** 1975,
"Crassula pentandra var denticulata" (JPM Brenan 1954) —> **Crassula lanceolata** ssp **denticulata** 1985,
"Crassula rubicunda var parvisepala" (S Schonland 1929) —> **Crassula alba** var **parvisepala** 1975.

†**Toft**, (Prof) (Dr) Catherine [**Cathy**] Ann (11 Oct 1950–2 Dec 2011); US botanist, ecologist & zoologist; PhD at Princeton Univ, New Jersey 1977; prof of zoology at Agriculture Experiment Station, Univ of Calif, Davis 1976–91 & prof of evolution & ecology 1991~; bot research in Utah & Calif deserts; Calif Academy of Sciences Fellow 1995;
species nah:
(Yucca) **toftiae** (Utah) (desc & nah by SL Welsh 1975) —> **Yucca angustissima** var **toftiae** by JL Reveal 1977.

Toledo, Gerardo;
Book [1995] *The Decay of Cardon Cactus Populations in the State of Baja California Sur, Mexico* [w Y Bashan] La Paz, Mex; Spanish; 58p.

Toledo Manzur, Carlos Arturo (1954–); {C.A.Toledo}; Mex biologist;
desc *species*:
(Neoevansia) **lazaro-cardenasii** [w JLR Contreras Jimenez, J Jimenez Ramirez & H Sanchez-Mejorada] (Michoacan, Guerrero) 1980 (na L Cardenas) —> **Peniocereus**

lazaro-cardenasii by DR Hunt 1991.

Tomida, Mikio (fl. 1973); {Tomida};
desc *species*:
(Sedum) **ettyuense** (Japan) 1973 —> **Hylotelephium sieboldii** var **ettyuense** by H Ohba 1981.

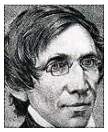
†**Tonduz**, Adolphe (1862–19 Dec 1921); {Tonduz}; Swiss botanist to Costa Rica 1889~; first director of national herbarium of Costa Rica 1889–1920; worked at Institute Phytogeorgaphique de Costa Rica; collected about 12,000 plant species in Costa Rica & Guatemala [sometimes w PA Biolley];
***species* nah:**
(Cereus) **tonduzii** (Costa Rica) (desc & nah by FAC Weber 1902) —> **Weberocereus tonduzii** by GD Rowley 1982;
disc *species*:
(Cereus) **stenopterus** (Costa Rica) 1898 (desc by R Roland-Gosselin 1902) —> **Hylocereus stenopterus** by NL Britton & JN Rose 1909,
(Phyllocactus) **cartagensis** [w C Werckle] (Costa Rica) c1900 (desc by FAC Weber 1902) —> **Epiphyllum cartagense** by NL Britton & JN Rose 1913;
disc *variety*:
(Cereus trigonus var) **costaricensis** (Costa Rica, Nicaragua) (desc by FAC Weber 1902) —> **Hylocereus costaricensis** by NL Britton & JN Rose 1909.

†**Topsent**, (Mr) [?E?] (fl. 1914);
***species* nah:**
(Sedum) **topsentii** (Arizona) (desc & nah by Raymond-Hamet 1914).

†**Torre**, [Tôrre,] (Dr) Antonio Roche da (11 Jun 1904–1995); {Torre}; Portuguese pharmacist &botanical collector; collected in Mozambique 1940s & Angola 1955–56 & 1970–71;
desc *genus*:
Tylosema [w JOD Hillcoat] (Sudan to RSA) 1955;
***species* nah:**
(Monadenium) **torrei** (Mozambique, Tanzania) (desc & nah by LC Leach 1973);
disc *species*:
° (Aloe) **torrei** (Mozambique) (desc & nah by IC Verdoorn & HB Christian 1946);
desc *species*:
(Erythrina) **mendesii** (Zambia, Angola, Namibia, Botswana) 1965 (na EJS Mendes),
(Mozinna) **cardiophylla** (Arizona into Sonora) 1859 —> **Jatropha cardiophylla** by J Muller Argoviensis 1866;
transfer *species*:
"Bauhinia fassoglensis" (GA Schweinfurth 1868) —> **Tylosema fassoglense** [wJOD Hillcoat] 1955.

Torre, Dan;Australia; lecturer in School of Media & Communication at RMIT Univ, Melbourne, Australia;
Book [2017] *Cactus* London, Eng; Eng; 224p.

Torres, [Torres Colin,] Rafael (1958–); {R.Torres}; Mex botanist; collected in Mex;
desc *species*:
(Parasicyos) **dieterlea** [w R Lira Saade] (Oaxaca) 1991 (na JvA Dieterle).



†**Torrey**, (Prof) (Dr med) John (15 Aug 1796–10 Mar 1873); {Torr.}; US botanist, chemist & physician; MD at College of Physicians & Surgeons in NYC 1818; prof of chemistry at College of Physicians & Surgeons, NYC 1827–55 & at Princeton Univ, New Jersey 1830–55; set up herbarium at Columbia Univ, NYC 1860, which transferred to NY Bot Garden 1899; worked w A Gray; first pres of Torrey Bot Club 1867~, after informal meetings in his home beginning in 1840s;
considered first professional botanist in New World; spouse Eliza Torrey (–1855);
Book [1826] *Collection of Rocky Mtn Plants* DC,
[1838–43] *A Flora of North Amer* [w A Gray] DC; Eng; in 2 Vols; (started in 1831 by J Torrey & includes cactus & succ plants);
[1838–40] Vol 1; 711p;
[1841–43] Vol 2; 504p;
***genus* nah:**
Torreyocactus (desc & nah by AB Doweld) (syn of Thelocactus);
***species* nah:**
(Yucca) **torreyi** (Texas, Chihuahua, Coahuila, Nuevo Leon, Tamaulipas, Durango) (desc & nah by JA Shafer1908);
desc *species*:
(Agave) **parviflora** (Sonora, Chihuahua, Arizona) 1859,
(Cereus) **californicus** [w A Gray] (Baja Calif, Sonora, Calif) 1840 —> **Cylindropuntia californica** by FM Knuth 1936,
(Calandrinia) **maritima** [w A Gray] (Calif, Baja Calif) 1838 —> **Cistanthe maritima** by MA Hershkovitz 1990,
(Calyptridium) **monandrum** [w A Gray] (Calif, Baja Calif, Arizona, Nevada) 1838 —> **Cistanthe monandra** by MA Hershkovitz 1990,
(Dasylirion) **bigelovii** (Arizona) 1857 (na JM Bigelow) —> **Nolina bigelovii** by S Watson 1879,
(Echinocactus) **viridescens** [w A Gray] (Calif, Baja Calif) 1840 (disc by T Nuttall 1835) —> **Ferocactus viridescens** by NL Britton & JN Rose 1922,
(Jatropha) **berlandieri** (Texas into Mex) 1859 (na JL Berlandier),
(Sedum) **lanceolatum** (nw British Columbia to Calif) 1828,
(Spraguea) **umbellata** (British Columbia to Baja Calif, Idaho, Montana, Utah, Nevada, Wyoming) 1853 —> **Cistanthe umbellata** by MA Hershkovitz 1990,
(Talinum) **brevifolium** (Arizona, Utah, New Mex, Texas) 1853,
(Talinum) **spinescens** (British Columbia, Washington, Oregon) 1874,

(Tillaea) **drummondii** [w A Gray] (Texas, Colorado, Arizona, Paraguay, Argentina, Chile) 1840 (disc by T Drummond c1834 & nah) —> **Crassula drummondii** by FKG Fedde 1904,
(Tradescantia) **micrantha** (Texas) 1859 —> **Callisia micrantha** by DR Hunt 1983,
(Yucca) **baccata** (Calif, Nevada, Utah, Arizona, Colorado, Texas, Chihuahua) 1859,
(Yucca) **whipplei** (Calif, Arizona, Baja Calif, Sonora) 1859 (na AW Whipple)
—> **Hesperoyucca whipplei** by JG Baker 1892.

†**Toumey**, (Prof) (Dr hc) James Wm (17 Apr 1865–5 May 1932); {Toumey}; US forestry botanist; honorary DSc at Syracuse Univ 1920; established herbarium, curator & first botanist at State College Experiment Station, Tucson, Arizona 1891–98; prof & dir of Marsh bot garden at Yale Univ 1903–10; prof of silviculture Forest School at Yale Univ 1910~; sent new cacti to NL Britton & JN Rose; first spouse Constantina Hayes [née Blake]; s
econd spouse Nannie Byrne [née Trowbridge];
genus **nah:**
Toumeya (desc & nah by NL Britton & JN Rose 1922) (syn of Pediocactus, Sclerocactus, Turbinicarpus);
species **nah:**
(Agave) **toumeyana** (Arizona) (desc & nah by WA Trelease 1920);
desc *species*:
(Agave) **treleasei** (Arizona) 1901 (na WA Trelease) —> **Agave schottii** var **treleasei** by TH Kearney & RH Peebles 1939,
(Opuntia) **spinosior** (Arizona, New Mex into Mex) 1898,
(Opuntia) **tetracantha** (Arizona) 1896 (disc by him 1895).

†**Tournefort**, (Prof) (Dr med) Joseph Pitton de (5 Jun 1656–28 Dec 1708); {Tourn.}; French botanist, physician & naturalist; student of P Magnol w
MD at Montpellier Univ 1682; prof of botany at Jardin du Roi, Paris 1683~; pre-Linnaean systematist; insisted that a generic name be one word & invented the modern concept of genus & genera as an assemblage of species which idea was used 60 yrs later by C Linnaeus; concentrated on form of the corolla in naming species; given credit for (a) genus name *Opuntia* pub in 1700 & desc by P Miller 1754, (b) genus name *Melocactus* pub in 1719 & desc by JHF Link & CF Otto 1827, (c) genus name *Plumeria* pub in 1700 after C Plumier & desc by C Linnaeus 1753, & (d) use of the word 'herbarium'; prof & friend of C Plumier;
Book [1694] É*lémens de Botanique* = "Elements of Botany" Paris; French/Latin; in 3 Vols;
Vol 1; 562p;
Vol 2; 235p;
Vol 3; 216p;
plants arranged by class & genus; carefully defined many genera still accepted today; illustrations by Claude Aubriet (1651–1742).

†**Toussaint van Hove**, [née Exalto] (Dr hc) Thea (26 Jan 1916–13 Sep 2017); The Netherlands lawyer; to RSA 1948; honorary PhD at Univ of Stellenbosch, RSA; spouse Ed Toussaint van Hove;

Book [1996] *Jan Commelin's Monograph on Cape Flora: drawings & desc of plants S van der Stel found on 1685–86 expedition* [w DO Wijnands & ML Wilson]; 111p w 52 plates.

†**Tovar**, [Tovar Serpa,] (Prof) (Dr) Óscar (25 Oct 1923–27 Oct 2009); {Tovar}; Peruvian botanist & taxonomist; PhD at Universidad Nacional Mayor of San Marcos 1955; prof of biological sciences at Univ of San Marcos;
***species* nah:**
(Cistanthe) **tovarii** (Peru) (desc & nah by A Galan 1997).

†**Townley**, DH; naturalist; interested in birds & emperor moths;
disc *species*:
(Huernia) **verekeri** (Zambia, Zimbabwe, Malawi, Botswana, Mozambique, Namibia) (desc by SM Stent 1933 & na LSA Vereker).

†**Townsend**, (Dr) Charles Haskins (1859–1944); US entomologist, biologist & physicist; dir of NY Aquarium 1902–37; switched jobs w TDA Cockerell & ended up as curator of Public Museum, Kingston, Jamaica 1894~; explored in Chihuahua 1898–99 & in Baja Calif 1911; PhD at George Washington Univ 1914; first spouse Caroline [née Hess] Townsend (–1901); second spouse Margaret [née Dyer] Townsend;
***species* nah:**
(Ferocactus) **townsendianus** (San Jose Island) (desc & nah by NL Britton & JN Rose 1922 & disc by JN Rose 1911).

†**Trabut**, (Prof) (Dr med) **Louis** [Charles] (12 Jul 1853–25 Apr 1929); {Trab.}; French botanist & physician; MD at Faculté de Médecine in Algiers 1878; prof of natural history at Ecole de Médecine et de Pharmacie 1880–23; collected in Algeria, Tunisia, Morocco, Niger; worked w JA Battandier on flora of Algeria 1876–22;
desc *species*:
(Tetragonia) **borealis** [w JA Battandier] (Morocco) 1917.

†**Tradescant**, John [the Elder] (1570s–15/16 Apr 1638); {Trad.); British botanist, naturalist & gardener; gardener to Robert Cecil, First Earl of Salisbury at Hatfield House 1609; gardener to Sir Dudley Digges near Canterbury; royal gardener to King Charles I & Queen Henrietta Maria at Oatlands, Eng (garden included Yuccas); first western European botanist to visit Russia; son John [the Younger] (1608–1662) also royal gardener;
***genus* nah:**
Tradescantia (US to n Argentina) (desc & nah by C Linnaeus 1753).

Trager, John Noyes (19 Aug 1957–); US horticulturist & photographer; BA degree in horticulture at Cal Poly Pomona, Calif 1992; curator of Desert Collections at Huntington Bot Gardens, San Marino, Calif 1983~ & manager of ISI at garden; horticultural writer in journals; known for excellent photography of plants; explored in Mex, Costa Rica, Venezuela, Israel, Thailand, China; CSSA Friend award 2000; spouse Daphne [née Wilcox] Trager;

Book [1995] *Dry Climate Gardening w Succ* [w JP Folsom, D Folsom, JR Clements & N Scott] NY; 224p w 356 color photos by JN Trager.

†**Traill**, James (1801–1853); {J.Traill}; Scottish horticulturist: to Egypt 1928 to work in the gardens of Ibrahim Pasha, son of ruler of Egypt & Sudan;
desc *species*:
(Hoya) **australis** (Queensland, New S Wales, Samoa, Vanuatu) 1830,
(Hoya) **pottsii** (China) 1827 (na J Potts).

Trapp, Carolyn;
Book [1969] *The Cacti of Zion Natl Park* Utah; Eng; 21p.

†**Trask**, [née Engle] Luella **Blanche** (Jul 1865–Nov 1916); US poet, explorer, naturalist & field botanist; collected in channel Islands off s Calif 1901~; spouse Walter Jones Trask;
***species* nah:**
(Stylophyllum) **traskiae** (Calif island Santa Barbara) (desc & nah by JN Rose 1903)
—> **Dudleya traskiae** by RV Moran 1943.

†**Traub**, (Dr) Hamilton Paul (18 Jun 1890–14 Jul 1983); {Traub}; US botanist & horticulturist; PhD at Univ of Minnesota 1927; horticulturist at Texas Agriculture Experiment Station, Bryan, Texas 1928–30, at Austin, Texas 1930–31, at Gainsville, Florida 1932 & w USDA at Orlando & Beltsville, Florida 1933–52; interested in Amaryllidaceae;
desc *genus*:
Rauhia (Peru) 1952 (na WHH Rauh).

†**Trautvetter**, Ernst Rudolf von (20 Feb 1809–24 Jan 1889); {Trautv.}; Russian botanist; dir of Imperial bot garden at St. Petersburg ≈1875; specialized in flora of Caucasus & central Asia; explored & collected in USSR;
transfer *species*:
"Sedum stephanii" (LKA von Chamisso 1831) to **Rhodiola stephanii** [w CA Meyer] 1856.

†**Trecul**, [Trécul,] **Auguste** Adolphe Lucien (8 Jan 1818–15 Oct 1896); {Trécul}; French botanist; explored & collected in Texas 1848–50 & Mex 1849–50; worked at Muséum d'Histoire Naturelle, France 1850~; awarded legion of honor 1867;
disc *species*:
(Yucca) **treculiana** (Texas, Coahuila, Nuevo Leon, Tamaulipas, Durango) (desc & nah by E-A Carriere 1858).

†**Trelease**, (Prof) (Dr) Wm [Will] (22 Feb 1857–2 Jan 1945); {Trel.}; US plant morphologist, botanist, taxonomist & entomologist; DSc at Harvard Univ 1884; first dir at Missouri Bot Garden, St. Louis, Missouri 1885–1912 (succeeded GT Engelmann); prof of botany at Univ of Illinois 1913~; explored & collected in Mex, Guatemala & the Caribbean; wrote numerous papers on Agave, Yucca, Furcraea & Peperomia;

spouse Julia M [née Johnson] Trelease;
Book [1887] *The Botanical Works of the late George Engelmann, Collected for Henry Shaw, Esq.* [w A Gray] Cambridge, Massachusetts; Eng; 554p w over 100p of line drawings of plants; (editors of); [2017 reprint by Forgotten Book],
[1893] *Further Studies of Yuccas & Their Pollination* St Louis, Missouri; Eng; 45p,
[1902] *The Yucceae*; Eng; 106p,
[1907] *Agave macroantha & Allied Euagaves*; Eng; 25p,
[1912] *The Agaves of Lower Calif* St Louis; Eng; 28p,
[1912] *Revision of the Agaves of the Group Applantae* St Louis; Eng; 12p,
[1913] *Agave in the West Indies* DC; Eng; 298p; (from an article in Natl Academy of Sciences Vol XI),
[1915] *Agaveae of Guatemala* St. Louis; 23p;
[1929] *The Piperaceae of Costa Rica* Washington DC; Eng; 232;
species **nah:**
(Agave) **treleasei** (Arizona) (desc & nah by JW Toumey 1901) —> **Agave schottii** var **treleasei** by TH Kearney & RH Peebles 1939,
(Lemaireocereus) **treleasei** (Oaxaca) (desc by NL Britton & JN Rose 1909 & disc by JN Rose 1906) —> **Stenocereus treleasei** by C Backeberg 1951,
(Sedum) **treleasei** (Puebla) (desc & nah by JN Rose 1911);
desc *species*:
(Agave) **acicularis** (Cuba) 1913,
(Agave) **acklinicola** (Bahamas) 1913,
(Agave) **acuispina** (Mex, Honduras, El Salvador) 1925 —> **Agave cantala** var **acuispina** by HS Gentry 1982,
(Agave) **albescens** (Cuba) 1913,
(Agave) **angustiarum** (Michoacan, state of Mex, Morales, Puebla, Guerrero, Oaxaca) 1913,
(Agave) **anomala** (Cuba) 1913,
(Agave) **avellanidens** (Baja Calif) 1912,
(Agave) **bahamana** (Bahamas) 1913,
(Agave) **barbadensis** (Barbados of West Indies) 1913,
(Agave) **boldinghiana** (Cuba, Bonaire & Curacao of West Indies) 1913 (na I Boldingh),
(Agave) **braceana** (Bahamas) 1913 (na ? Brace),
(Agave) **brevipelala** (Haiti) 1927,
(Agave) **brevispina** (Haiti) 1927,
(Agave) **brittoniana** (Cuba) 1913 (na NL Britton),
(Agave) **cacozela** (Bahamas) 1913,
(Agave) **caribaeicola** (Windward Islands of West Indies) 1913,
(Agave) **cerulata** (Baja Calif) 1912,
(Agave) **cocui** (Venezuela, Colombia, Leeward Islands) 1913,
(Agave) **couesii** (Arizona) 1911 (na E Coues) —> **Agave parryi** var **couesii** by TH Kearney & RH Peebles 1939,
(Agave) **crassispina** (San Luis Potosi, Hidalgo, Guanajuato, Puebla, Coahuila, Zacatecas) 1920 —> **Agave salmiana** ssp **crassispina** by HS Gentry 1982,

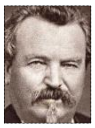
(Agave) **cupreata** [w A Berger] (Michoacan, Guerrero) 1915,
(Agave) **dentiens** (San Esteban Island) 1912 —> **Agave cerulata** ssp **dentiens** by HS Gentry 1978,
(Agave) **deweyana** (Tamaulipas, Veracruz) 1909 (na LH Dewey) —> **Agave vivipara** var **deweyana** by PI Forster 1992,
(Agave) **dussiana** (Windward Islands) 1913,
(Agave) **evadens** (Trinidad) 1913,
(Agave) **flexispina** (Chihuahua, Durango, Zacatecas) 1920,
(Agave) **goldmaniana** (Baja Calif) 1912 (disc by EA Goldman & EW Nelson c1894 & na EA Goldman),
(Agave) **grisea** (Cuba) 1913,
(Agave) **guadalajarana** (Jalisco) 1920,
(Agave) **harrisii** (Jamaica) 1913 (na WH Harris),
(Agave) **havardiana** (Texas) 1912 (na V Havard),
(Agave) **hurteri** (Guatemala) 1915 (na DG Hurter),
(Agave) **inaguensis** (Bahanas) 1913,
(Agave) **indegatorum** (Bahamas) 1913,
(Agave) **intermixta** (Haiti) 1913,
(Agave) **lagunae** (Guatamala) 1915,
(Agave) **letonae** (Guatemala, El Salvador) 1925 —> **Agave vivipata** var **letonae** by PI Forster 1992,
(Agave) **longipes** (Jamaica) 1913,
(Agave) **mapisaga** (Hidalgo, Oaxaca, Tamaulipas, Mex state, Zacatecas) 1920,
(Agave) **millspaughii** (Bahamas) 1913 (na CF Millspaugh),
(Agave) **mirabilis** (Puebla, Veracruz) 1920 —> **Agave atrovirens** var **mirabilis** by HS Gentry 1982,
(Agave) **missionum** (Puerto Rico, Virgin Islands, St. Thomas) 1913,
(Agave) **nashii** (Bahamas) 1913 (na GV Nash),
(Agave) **nelsonii** (Baja Calif) 1912 (disc by EW Nelson & EA Goldman & na EW Nelson) —> **Agave cerulata** ssp **nelsonii** by HS Gentry 1978,
(Agave) **nivea** (Guatemala) 1915 —> **Agave vivipara** var **nivea** by PI Forster 1992,
(Agave) **pachycentra** (Guatemala, El Salvador, Honduras, Oaxaca, Chiapas) 1915,
(Agave) **papyrocarpa** (Cuba) 1913,
(Agave) **parvidentata** (El Salvador) 1925,
(Agave) **pedunculifera** (Guerrero, Oaxaca, Jalisco, Sinaloa, Nayarit, Michoacan) 1920,
(Agave) **petiolata** (Curacao) 1913,
(Agave) **portoricensis** (Puerto Rico) 1913,
(Agave) **potrerana** (Chihuahua, Coahuila, Zacatecas) 1920,
(Agave) **promontorii** (Baja Calif) 1912,
(Agave) **rhodacantha** (Jalisco, Oaxaca, Puebla, Sonora, Nayarit, Sinaloa) 1920,
(Agave) **roseana** (Baja Calif) 1912 (na JN Rose) —> **Agave sobria** ssp **roseana** by HS Gentry 1978,
(Agave) **shaferi** (Cuba) 1913 (na JA Shafer),

(Agave) **stringens** (Jalisco) 1920,
(Agave) **subsimplex** (Sonora) 1912,
(Agave) **tecta** (Guatemala) 1915,
(Agave) **thomasae** (Guatemala) 1915 (na D Thomas),
(Agave) **toumeyana** (Arizona) 1920 (na JW Toumey),
(Agave) **tubulata** (Cuba) 1913,
(Agave) **underwoodii** (Cuba) 1913 (na LM Underwood),
(Agave) **vexans** (Lower Calif) 1912 —> **Agave datylio** var **vexans** by IM Johnston 1924,
(Agave) **vicina** (Leeward Islands) 1913,
(Dasylirion) **durangense** (Durango, Zacatecas, Chihuahua, Sonora) 1911 —> **Dasylirion wheeleri** var **durangense** by JE Laferriere 1991,
(Dasylirion) **leiophyllum** (Texas, New Mex, Chihuahua) 1911,
(Furcraea) **andina** (Peru) 1915,
(Furcraea) **cabuya** (Yucatan, Honduras, Nicaragua, Costa Rica) 1910,
(Furcraea) **cahum** (Yucatan) 1910,
(Furcraea) **guatemalensis** (Belize, Guatemala, Honduras, El Salvador) 1915,
(Furcraea) **occidentalis** (Peru) 1913,
(Furcraea) **quicheensis** (Chiapas, Guatemala) 1915,
(Furcraea) **samalana** (Chiapas, Guatemala, El Salvador) 1915,
(Peperomia) **pruinosifolia** (Peru) 1936,
(Samuela) **carnerosana** (Texas, Chihuahua, Coahuila, Zacatecas, San Luis Potosi, Nuevo Leon, Tamaulipas) 1902 —> **Yucca carnerosana** by SMA McKelvey 1938,
(Samuela) **faxoniana** (Texas, Chihuahua, Coahuila) 1902 (na CE Faxon) —> **Yucca faxoniana** by CS Sargent 1905,
(Yucca) **angustissima** (Utah, Arizona, New Mex) 1902 (disc by JM Bigelow 1853/54),
(Yucca) **arkansana** (Oklahoma, Texas, Arkansas) 1902 (disc by G Engelmann 1837),
(Yucca) **decipiens** (Aguascalientes, Durango, Zacatecas, San Luis Potosi, Jalisco, Guanajuato) 1907,
(Yucca) **endlichiana** (Coahuila) 1907 (na R Endlich),
(Yucca) **harrimaniae** (Nevada, Utah, Colorado, Arizona, New Mex) 1902 (disc by CC Parry 1874 & na M Harriman),
(Yucca) **jaliscensis** (Colima, Jalisco, Guanajuato) 1920,
(Yucca) **louisianensis** (Texas, Arkansas, Louisiana) 1902,
(Yucca) **rostrata** (Texas, Chihuahua, Coahuila) 1902 (disc by E Palmer 1880),
(Yucca) **tenuistyla** (Texas) 1902,
(Yucca) **thompsoniana** (Texas, Chihuahua, Coahuila, Nuevo Leon) 1911 (disc by JN Bigelow 1852 & na CH Thompson);

transfer *species*:
"Dasylirion hookeri" (AC Lemaire 1859) —> **Calibanus hookeri** 1911,
"Yucca funifera (KHE Koch 1862) —> **Hesperaloe funifera** 1902,
"Yucca stricta" (J Sims 1821) —> **Yucca glauca** var **stricta** 1902;

desc *variety*:
(Agave angustifolia var) **sargentii** (Puebla) 1912 (na ? Sargent) —> **Agave vivipara** var

sargentii by PI Forster 1992,
(Agave antillarum var) **grammontensis** (Hispaniola) 1927,
(Agave brittoniana var) **brachypus** (Cuba) 1913 —> **Agave brittoniana** ssp **brachypus** by A Alvarez 1996,
(Furcraea cabuya var) **integra** (Costa Rica, Panama) 1910;
transfer *variety*:
"Yucca rupicola var rigida" (G Engelmann 1873) —> **Yucca rigida** 1902.



†**Tremaux**, [Trémaux,] Pierre (20 Jul 1818–12 Mar 1895); French architect, photographer & naturalist; explored in n Africa & Near East 1847–54;
Book [1853] *Voyage au Soudan Oriental et dans l'Afrique Septentrionale (1847–1854)*; desc & illustrated the Sudan tree, .Euphorbia candelabrum, in this atlas of the journey he made in 1847 to the Sudan-Ethiopia border area;
disc *species*:
(Euphorbia) **candelabrum** (Sudan, Ethiopia) 1853 (desc by CGT Kotschy 1857).

†**Trew**, (Dr med) Christoph Jacob [Jakob] (26 Apr 1695–18 Jul 1769); {Trew}; Bavarian wealthy physician, artist, bibliographer & botanist; MD at Altorf Univ 1717; physician in Nürenberg, Ger 1720~; had over 34,000 books; first sponsor of & publisher of GD Ehret's paintings (*Selenicereus, Aporocactus*, etc.); wrote short papers on *Agave americana* (1727) & *Cereus* (1733);
Book [1727] *Beschreibung der Grossen Amerikanischen Aloe* Nurenberg, Ger; 36p,
[1750–73] Edited *Plantae Selectae* by GC Ehret,
[1750–86] *Hortus Nitidissimus…*(in 3 Vols);
[1750] Vol 1; 88p; edited by Johann Michael Seligmann (1720–1762);
[1772] Vol 2; 51p;
[1786] Vol 3; 58p;
(Vol 2 & 3 published after his death).

Tribble, Derek Vautin (1952–); British computer software specialist & photographer; member of BCSS ≈1970; collected in s Africa;
Book [1998] *Adromischus (The Cactus File Handbook No 3)* [w C Rodgerson & JW Pilbeam] Southampton, Eng; Eng; 104p;
disc species:
(Tylecodon) **atropurpureus** (Little Namaq) (desc by PV Bruyns 1989),
(Tylecodon) **scandens** [w C Rodgerson] (Western Cape) 1992 (desc by EJ van Jaarsveld 1995),
(Tylecodon) **tribblei** [w C Rodgerson] (Little Namaq) 1994 (desc & na DV Tribble by EJ van Jaarsveld 1997);
disc *subsp*:
(Conophytum ectypum ssp) **ignavum** [w C Rodgerson] (Namaq) 1996 (desc by SA Hammer 2001),

(Conophytum tantillum ssp) **amicorum** [w SA Hammer, C Rodgerson & CM Barnhill] (Namaq) 1996 (desc by CM Barnhill & SA Hammer 1997).

Triebner, **Lydia**; spouse Wilhelm Triebner;
***species* nah:**
(Ophthalmophyllum) **lydiae** (Namaq) (desc & nah by HJ Jacobsen 1948 & disc by WilhelmTriebner) —> **Conophytum lydiae** by GD Rowley 1978.

Triebner, **Werner**; son of Wilhelm Triebner;
disc *species*:
(Lithops) **werneri** (Namibia) c1950 (desc by MHG Schwantes & HJH Jacobsen 1951).

†**Triebner**, **Wilhelm** (8 Mar 1883–8 Oct 1957); {Triebn.}; Ger to Namibia as soldier, gardener & farmer 1904 & as nurseryman & explorer 1931~; exported succ to HJ Jacobsen & JKL von Poellnitz; worked on Lithops taxa; spouse L Triebner;
***species* nah:**
(Haworthia) **triebneriana** (Western Cape) (desc by JKL von Poellnitz 1936) —> **Haworthia mirabilis** var **triebneriana** by MB Bayer 1999;
disc *species*:
(Aloe) **viridiflora** (Namibia) 1932 (desc by GW Reynolds 1937),
(Conophytum) **limpidum** (Namaq) c1937 (desc by SA Hammer 1993),
(Hoodiopsis) **triebneri** (Great Namaq) c1932 (desc & nah by CA Luckhoff 1933),
(Ophthalmophyllum) **lydiae** (Namaq) (desc by HJ Jacobsen 1948 & na Lydia Triebner) —> **Conophytum lydiae** by GD Rowley 1978,
(Trichocaulon) **triebneri** (Namibia) 1933 (desc & nah by GC Nel 1935) —> **Hoodia triebneri** by PV Bruyns 1993;
disc *variety*:
(Lithops pseudotruncatella var) **groendrayensis** (Namibia) 1957 (desc by HJH Jacobsen 1961) —> **Lithops pseudotruncatella** ssp **groendrayensis** by DT Cole 1988.

Triep, F;
Book [1980] *Cactussen uit Het Wild in de Nederlandse Handel* [w A van Uijen]; 40p.

†**Tritel**, (Mr) ? (fl. 1913);
***species* nah:**
(Sedum) **tritelii** (Guatemala) (desc & nah by Raymond-Hamet 1913).

Trocha, Werner (fl. 1991); {Trocha};
Book [1999] *Die Echinocereus scheeri-gruppe* [w W Rischer]; 105p.

†**Troll**, (Prof) (Dr) **Carl** [Karl] (24 Dec 1899–21 Jul 1975); {C.Troll}; Ger physical geographer, botanist & landscape ecologist; PhD in botany at Univ of München 1921; prof of overseas colonial geography at Univ of Berlin 1930–36; prof of geography &

dir of Geographischers Institut at Univ of Bonn 1938–66; explored in S Amer 1926–29 & Africa 1933–34; brother W Troll;
disc *species*:
(Cephalocereus) **guentheri** (Bolivia) 1927 (desc by W Kupper 1931 & na E Gunther) —> **Espostoa guentheri** by F Buxbaum 1959,
(Cereus) **tominensis** (Bolivia) 1926/28 (desc by W Weingart 1931) —> **Cleistocactus tominensis** by C Backeberg 1936,
(Cereus) **trollii** (Bolivia, Argentina) 1927 (desc & nah by W Kupper 1929) —> **Oreocereus trollii** by C Backeberg 1929.

†**Troll**, (Prof) (Dr) **Wilhelm** [Julius Georg Hubertus] (3 Nov 1897–28 Dec 1978); {Troll}; Ger botanist & morphologist; PhD at Univ of Muchen 1921; prof of botany at Halle Univ 1932–45; botanist on Indonesian Ger Sunda expedition of s Sumatra & western Java 1828–30; brother C Troll;
Book [1959] *Neue Beitrage zur kenntnis der Blutenstande und Bluten von Ceropegia-Arten* Weisbaden, Ger; Ger; 36p,
[1981] *Infloreszenstudien an Aizoaceen, Mesemb und Tetragoniaceen* [w FHE Weberling] Mainz, West Ger; Ger; 99p;
***species* nah:**
(Didierea) **trollii** (Mada) (desc & nah by RPR Capuron & WHH Rauh 1961),
(Peperomia) **trollii** (Peru) (desc & nah by WHH Rauh & PC Hutchison 1978).

†**Trotha**, Lothar von (3 Jul 1848–3 Mar 1920); Ger military commander in s Africa; collected in central Ger East Africa 1897–98, China, Java & Japan 1901, Namibia 1904–05; first spouse Bertha [née Neumann] Trotha;
second spouse Lucy Goldstein [née Brinkmann] Trotha;
disc *species*:
(Euphorbia) **torta** (Tanzania, Zambia) (desc by FA Pax & K Hoffmann 1910).

†**Troupin**, Georges Marie Désiré Joseph (1923–1997); {Troupin}; Belgium;
transfer *species*:
"Desmonema caffrum" (J Miers 1867) —> **Tinospora caffra** 1955.

Trout, Keeper (21 Oct 1957-); US chemist & photographer;
Book [1997] *Sacred Cacti & Some Selected Succ; Botany, Chemistry & Utilization* Sedona, Arizona; Eng; 245p,
[1999] *Sacred Cacti (Including notes on some other succ)*; 422p,
[2001] *The Cultivation & Propagation of Cacti*; 58p,
[2005] *San Pedro & Related Trichocereus Species*; Eng; 310p.

Trudgen, Malcolm Eric (1951–); {Trudgen}; Australia;
desc *species*:
(Tetragonia) **coronata** [w BL Rye] (Australia) 1996.

†**Trumpke**, (Dr) Hieronymus;
Book [1914] *Beiträge zur Anatomie der Sukkulenten Euphorbien* = "Contributions to the Anatomy of Succ Euphorbia" Breslau; Ger; 91p; (PhD thesis).

Trussel, [Trüssel, Truessel,] Albert;
Book [1984] *50 Jahre "Kakteenfreunde Bern", 1932–82* [w A Ryff] Bern; 29p,
[1985] *Stachelige Gessellen, Eine Anleitung fur Kakteen-Liebhaber* Aarau; Ger; 71p w 24 color photos.

Truter, John; from Oudekraal farm, eastern Cape, RSA;
species **nah:**
(Delosperma) **truteri** (Eastern Cape) (desc & nah by MG Lavis 1966),
(Ruschia) **truteri** (Eastern Cape) (desc & nah by HML Bolus 1962);
disc species:
(Gasteria) **baylissiana** (Eastern Cape) 1960 (desc by WHH Rauh 1977 & na RDA Bayliss).

†**Tsa Toke**, [Tsatoke,] Monroe (29 Sep 1904–3 Feb 1937); US Kiowa Indian artist in Oklahoma; studied art at Univ of Oklahoma; member of peyote cult;
Book [1957] *The Peyote Ritual (Visions & Descriptions)* [w Leslie van Ness Denman & Susan C Peters] San Francisco, Calif; Eng; 66p.

Tsang, Peter;
species **nah:**
(Hoya) **tsangii** (China, Philippines) (desc & nah by CM Burton 1991).

Tschelkunova, Natalia; Russian;
Book [2001] *Kaktusy* = "Cacti (175 popular misconceptions about cacti)" [w V Gapon] Moscow, Russia; Russian; 95p w 90 color photos.

Tschirley, (Dr) Fred Harold; US; PhD at Arizona State Univ, Tucson, Arizona 1961;
Book [1961] *A Physio-Ecological Study of Jumping Cholla (Opuntia fulgida ENGELMANN)* Tucson; Eng; 113p (PhD thesis).

†**Tsiang**, Ying (1898–6 Mar 1982); {Tsiang}; Chinese botanist; prof at forestry dept of Agricultural Univ, Guangdong Prov, China; collected in Guangdong, Guizhou & Yunnan Prov 1924~; specialized in Apocynaceae, Asclepidiaceae & Annonaceae plant families;
species **nah:**
(Sedum) **tsiangii** (China) (desc & nah by HA Froderstrom 1933).

†**Tuck**, Wm (24 Nov 1824–23 Feb 1912); Eng to Natal c1850; horticulturist; dir of Grahamstown bot garden 1866–84; worked at Gowie's nursery 1884~; collected in RSA;

disc *species*:
(Stapelia) **plantii** (Cape) c1866 (desc by JD Hooker 1868 & na RW Plant);
disc *variety*:
(Huernia barbata var) **griquensis** (Cape) c1875 (desc by NE Brown 1909).

†**Tuckey**, James Hingston [Kingston] (Aug 1776–14 Oct 1816): Ireland to Eng; British naval officer; leader of expedition to explore Zaire (Congo) River 1816; spouse Margaret [née Stuart];
***species* nah:**
(Euphorbia) **tuckeyana** (Cape Verde Islands) (desc & nah by PB Webb 1849).

†**Tugwell**, Anna M (fl. 1914–29); RSA; explored & collected in RSA; friend of HML Bolus;
***species* nah:**
(Cylindrophyllum) **tugwelliae** (Western Cape) (desc & nah by HML Bolus 1930),
(Mesemb) **tugwelliae** (Western Cape) (desc & nah by HML Bolus 1915) —> **Bijlia tugwelliae** by SA Hammer 1995.

†**Tulasne**, Louis René (12 Sep 1815–22 Dec 1885); {Tul.}; French botanist & mycologist; naturalist at Museum of Natural History, Paris 1842–72; specialist in fungi; collected w AFC de Saint-Hilaire in Brazil ≈1942;
desc *species*:
(Modecca) **refracta** (Mada) 1857 —> **Adenia refracta** by H Schinz 1892,
(Kalanchoe) **eriophylla** (Mada) 1857,
(Kalanchoe) **miniata** (Mada) 1857.

†**Turb**, Mathias;
Book [1936] *Mein Kleiner Gruner Kaktus* = "My Little Green Cactus" Breslau, Ger; Ger; 62p w 20 drawings by O van Hout.

†**Turczaninow**, [Turczaninov, Turchaninov], Porphir Kiril Nicolai [Nicolas] Stepanowitsch [Stepanovitch, Stepanovic] (May 1796–26 Dec 1863); {Turcz.}; Russian botanist & administrator; graduated from Chakov Univ 1814;
Siberian civil servant in dept of justice & finances 1814–28, in Krasnoyarsk 1935–37, in Jenisei 1935–45; explored in Baikal, Dahurical & Jenisei regions 1835–45; had large herbarium; pub on Australian taxa 1846~;
desc *species*:
(Gomphocarpus) **diploglossus** (Eastern Cape, Natal) 1848 —> **Aspidonepsis diploglossa** by A Nicholas & DJ Goyder 1992,
(Umbilicus) **fimbriatus** (Siberia, Mongolia, China, Tibet) 1844 —> **Orostachys fimbriata** by A Berger 1930.

Turdiev, SJ; Russian;

Book [1970] *Kaktusy* [w WT Erichman & RW Sedych] Alma-Ata, Russia; Russian; 252p w 8 color plates; (1974, 272p; 1980, 352p).

Turecek, Victor E (–Jan 2016); Argentina to US: schoolteacher in Los Angeles, Calif; CSSA BoD 1974–85; explored for cacti in Mex & Argentina & for succ in Ceylon, Pakistan, Turkey, Aegean Islands;

***species* nah:**

(Parodia) **turecekiana** (Argentina, Uruguay) (desc & nah by R Kiesling 1995 & disc by R Kiesling 1985).

†**Turkenburg's** Koninlijke Zaadhandel; royal seed-trade company in Bodegraven, The Netherlands;
Book [c1930] *Gedoornde Vrienden. Handboekje Voor het Kweeken van Cactussen uit Zaad* Bodegraven; Dutch; 47p.

†**Turnage**, Wm Vincent (1911–?); worked for F Shreve at Carnegie Desert Bot Laboratory in Tucson Mountains, Pima County, Arizona in 1930s;
Book [1941] *An Analysis of Rainfall in the Sonoran Desert & Adjacent Territory* [w TD Mallery] DC; Eng; 45p.

Turner, Billie Lee (22 Feb 1925–); {B.L.Turner}; US botanist;
prof of botany at Univ of Texas, Austin; collected in RSA, Mex & US;
desc *species*:

(Sedum) **booleanum** (Nuevo Leon) 1996 (na GB Hinton III),
(Sedum) **gypsophilum** (Nuevo Leon) 1986,
(Sedum) **hintoniorum** (Nuevo Leon, Tamaulipas) 1995 (na GS Hinton & his family);

transfer *subsp*:

"Hesperaloe funifera ssp chiangii" (GD Starr 1997) —> **Hesperaloe chiangii** 2002,
"Sedum rhodocarpum ssp edwardsii" (RT Clausen 1981) —> **Sedum edwardsii** 1995.

†**Turner**, [Allen-Turner?] Henry J [John?] **Allen** (1876–27 Nov 1953); Eng to Kenya 1909; taxidermist, ornithologist & nurseryman; preserved specimens collected on expeditions in Kenya; taxidermist at Coryndon Museum, Nairobi 1941~;
collector of animals & plants;

***species* nah:**

(Caralluma) **turnerii** (Ethiopia, Kenya, Uganda) (desc & nah by EA Bruce 1937).

Turner, J;
Book [1996] *Growing C&S (via Colorado C&SS)* Denver, Colorado; 105p.

Turner, (Dr) Raymond [**Ray**] Marriner (25 Feb 1927–); US botanist;
PhD at Washington State Univ 1954; prof at Univ of Arizona 1954–62;
botanist on Natl Research Program at Dept of Interior, Geological Survey, Tucson,

Arizona 1962–89 ; on BoD at Arizona-Sonoran Desert Museum 1982–88;
collected in Baja Calif & Sonora w JR Hastings 1963~;
Book [1965] *The Changing Mile: An Ecological Study of Vegetation Changes w Time in the Lower Mile of an Arid & Semiarid Region* [w JR Hastings]; Eng; 317p,

[1995] *Sonoran Desert Plants: An Ecological Atlas* [w JE Bowers, TL Burgess] Tucson, Arizona; Eng; 504p.

Turner, (Mr) VA (fl. 1963); RSA; farmer in Western Cape where species collected;
species **nah:**

(Ruschia) **turneriana** (Western Cape) (desc & nah by HML Bolus 1963) —> **Antimima turneriana** by HEK Hartmann 1998.

†**Turner**, WF;
Book [1915] *Prickly Pears as a Feed for Dairy Cows* [w D Griffiths & TE Woodward] Washington DC; Eng; 44p.

†**Turpin**, Pierre Jean François (11 Mar 1775–1 May 1840); {Turp.};
French botanist, naturalist & bot artist; explored in Haiti, Tortuga & US 1794–1802;
botanist & illustrator in France 1802~;
Book [1830] *Observations sur la Famille des Cactees* Paris, France; French; 69p,

[1831] *Mémoire sur la Greffe ou le Collage Physiologique des Tissus Organiques et Particulièrement sur celle du Cactus truncatus et sur le Cactus Triangularis* Paris; French; 129p;
desc *genus*:

Cypselea (Bahamas, Cuba, Paraguay, Calif, Florida, Louisiana) 1806;
desc *species*:

(Cypselea) **humifusa** (Haiti, Bahamas, Calif, Florida, Louisiana) 1806.

†**Turrill**, (Dr) Wm Bertram (14 Jun 1890–15 Dec 1961); {Turrill}; British botanist;
DSc at London Univ 1928; worked at Kew 1909~; lectured at Chelsea Polytechnic & Oxford 1918–45; FLS 1925; FRS 1958; Linnean Medal 1958;
desc *species*:

(Brachystelma) **brevipedicellatum** (Limpopo, Gauteng, North-West) 1922,
(Brachystelma) **floribundum** (Zimbabwe, Mozambique) 1922,
(Huernia) **hislopii** (Zimbabwe, Mozambique) 1922 (disc by LS Gibbs c1905 & na A Hislop),
(Sedum) **cyprium** [w AK Jackson] (Cyprus) 1939,
(Sempervivum) **altum** (Georgia A) 1936,
(Sempervivum) **minus** (Turkey) 1940,
(Sempervivum) **octopodes** (Balkans) 1937 —> **Sempervivum ciliosum** ssp **octopodes** by BJM Zonneveld 1998.

†**Tutin**, Frank; Eng chemist; worked at Wellcome Chemical Research Laboratories (established 1896), Eng 1903~;
Book [1913] *Observations on the Constitutents of Aloe*; Eng.

†**Tuyama**, (Dr) Takasi (1910–2000); {Tuyama}; Japanese botanist;
DSc 1942 at & prof of botany at Ochanomiza Univ; led expeditions to Pacific Islands & Asia;
desc *species*:

(Sedum) **boninense** (Japan's Bonin Islands) 1936 —> **Sedum uniflorum** ssp **boninense** by H Ohba 1981.

†**Tweedie**, [née Chanter,] Ethelwyn Marjorie (1898–1982); British amateur botanist & artist; to Kenya 1924–73; collected & illustrated plants; awarded Gold Grenfell Medal by Royal Horticultural Soc of UK for her plant paintings 1933; spouse Douglas Royle (Roy) Tweedie;
disc *species*:

(Aloe) **amudatensis** (Kenya, Uganda) (desc by GW Reynolds 1956).

(Aloe) **tweediae** (Uganda) 1934 (desc & nah by HB Christian 1942) —> **Aloe secundiflora** var **tweediae** by E Wabuyele 2006.

†**Tweedie**, John [James] (1775–1 Apr 1862); {Tweedie}; Scottish landscape gardener at Eglinton Castle in Ayrshire & at Edinburgh Bot Garden; to Argentina 1825; collected in Argentina & Uruguay; sent plants to WJ Hooker; spouse Janet [née Kingow] Tweekie (–1832);
disc *species*:

(Echinocactus) **leeanus** (Buenos Aires) 1837 (desc by WJ Hooker 1845 & na J Lee) —> **Gymnocalycium reductum** ssp **leeanum** by W Papsch 2000.

†**Tweedy**, Frank (12 Jun 1854–1937); US topographic engineer w US Geological Survey & amateur botanist; civil engineer degree at Union College, Schenectady, NY 1875;
collected in Montana, Yellowstone & Pacific Northwest (US) w TS Brandegee;
spouse Emma Adelaide [née Haydn] Tweedy;
***species* nah:**

(Calandrinia) **tweedyi** (Washington, British Columbia) (desc & nah by A Gray 1887) —> **Cistanthe tweedyi** by MA Hershkovitz 1990.

†**Tyas**, (Revd) Robert (1811–1879); {Tyas}; British clergyman, illustrator & amateur botanist; BA at Cambridge Univ 1848;
Book [1843] *The Cactus; Its Propagation, Cultivation & General Treatment, in all Seasons* London, Eng; Eng; 16p w 1 color photo.

†**Typiak**, Andrzej (1953–2005); Poland; assistant professor at Institute of Mechanical Engineering, Military Univ of Technology, Warsaw Area, Poland;
Book [2003] *Monografia Rodzaju Notocactus* [w S Hinz] Warsaw, Poland; Polish; 184p w 92 color photos.

Tyrrell-Glynn, W;
Book [1963] *Flora Africana (S African Bot Books 1600–1963)* [w MRB Levyns] Cape Town, RSA; Eng/Afrikaans; 77p.

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†**Ucria**, (Fr) Bernardino da (9 Apr 1739–29 Jan 1796); [born Michelangelo Aurifici]; Italian clergyman & botanist; demonstrator of botany at Royal Palermo Bot Academy 1786;
Book [1789] *Hortus regius panhormitanus* Palermo; Italian; 498p; (catalogue of plants in garden at Palermo using Linnaean system of nomenclature & classification).

Udalova, Roza Alekseevna; Russian;
Book [1977] *V Mire Kaktusov* = "In the World of Cacti" [w NG Viugina] Leningrad, Russia; Russian; 136p,
[1994] *Agave, Aloe y Drugye Sukkulenty* = "Agave, Aloe & other succulents" St. Petersburg; Russian; 110p w 58 color photos.

†**Uebelmann**, **Werner** J (16 Mar 1921–1 Mar 2014); Swiss horticulturist & nurseryman; member of Swiss Cactus Soc 1948~; cactus importer from Central & S Amer; explored in Argentina, Bolivia, Paraguay, Uruguay various yrs & w L Horst in Brazil 1967–68; IOS member 1988; spouse Rösli Uebelmann;
Book 1972] *Feld-Nummern und Beschriebene Arten der Sammler; Leopoldo Horst, Brasilien, Alfred B Lau, Mex,Walter Rausch, Wien* Wohlen; 40p,
[1984] *25 Jahre HU 'Horst-Uebelmann' (Beschriebene Arten und Feldnummern)* [w PJ Braun] Titisee-Neustadt; 64p,
[1996] *Horst und Ubelmann Feldnummernliste* Zufikon; 203p;
***genus* nah:**
Uebelmannia (Minas Gerais) (desc & nah by AFH Buining 1967);
***species* nah:**
(Gymnocalycium) **uebelmannianum** (La Rioja) (desc & nah by W Rausch 1972 & disc by W Rausch 1965),
(Opuntia) **werneri** (Bahia, Minas Gerais) (desc & nah by UV Eggli 1992 & disc by UV Eggli, NP Taylor & DC Zappi) —> **Tacinga werneri** by NP Taylor & WH Stuppy 2002;
disc *species*:
(Cleistocactus) **horstii** [w L Horst] (Brazil) 1974 (desc by PJ Braun 1982 & na L Horst) —> **Cleistocactus baumannii** ssp **horstii** by NP Taylor 1998,
(Melocactus) **cremnophilus** [w L Horst] (Bahia) 1967 (desc by AFH Buining & AJ Brederoo 1972) —> **Melocactus oreas** ssp **cremnophilus** by PJ Braun 1988,
(Melocactus) **glaucescens** [w L Horst] (Bahia) 1967 (desc by AFH Buining & AJ Brederoo 1972),
(Notocactus) **carambeiensis** [w L Horst] (Brazil) 1966 (desc by AFH Buining & AJ Brederoo 1973) —> **Parodia carambeiensis** by A Hofacker 1998,
(Pilosocereus) **jauruensis** [w L Horst] (Brazil) 1974 (desc by AFH Buining & AJ Brederoo 1978) —> **Pilosocereus jauruensis** by PJ Braun 1984,

(Pilosocereus) **rosae** [w L Horst] (Minas Gerais) 1982 (desc by PJ Braun 1984) —> **Pilosocereus fulvilanatus** ssp **rosae** by DC Zappi 1994,

(Pseudopilocereus) **magnificus** [w L Horst] (Minas Gerais) 1968 (desc by AFH Buining & AJ Brederoo 1979) —> **Pilosocereus magnificus** by F Ritter 1979,

(Rhipsalis) **agudoensis** [w L Horst] (Rio Grande do Sul) ≈1987 (desc by NP Taylor 2003);

disc *variety*:

(Pereskia grandifolia var) **violacea** [w L Horst] (Brazil) 1967–68 (desc by BE Leuenberger 1986) —> **Pereskia grandifolia** ssp **violaceae** by NP Taylor & DC Zappi 1997.

Ueckert, Darrell N; US at Texas Agriculture Experiment Station, San Angelo, Texas;
Book [1981] *Assessment of the Prickly Pear Problem on Texas Rangelands* [w RE Whitson, GK Lundgren, FE Gilstrap & CW Livingston] College Station, Texas; 22p.

Uehara, T;
Book [1963] *Sabotenno Saibae* = "Cultivation of Cacti"; Japanese; 290p,
[1963] *Cactus Culture*; Japanese; 268p.

†**Uhl**, (Prof) (Dr) **Charles** Harrison (28 May 1918–29 Aug 2010); {C.H.Uhl}; US botanist & taxonomist; PhD at Cornell Univ 1947; prof of cytology & cytogenetics at Cornell Univ, Ithaca, NY 1947–85; scholar on evolutionary, cytology & taxonomic problems w Amer species of Crassulaceae; explored & collected in Mex, Costa Rica, Guatemala, Panama & Venezuela; scientific writer for various publications; IOS member 1955; CSSA Fellow award 1985; spouse (Dr) Natalie Uhl, Palm specialist & botanist;
Book [1985] *Chromosomes of Mex Secum V: Section Sedum & Subgenus Sulcus*; 43p w 4 plates; (reprint from *Rhodora*, Vol 87, #851, July);

***species* nah:**

(Echeveria) **uhlii** (Oaxaca) (desc & nah by J Meyran-Garcia 1992);

disc *species*:

(Echeveria) **calycosa** (Michoacan) 1965 (desc by RV Moran 1967),
(Echeveria) **papillosa** (Guatemala) 1980 (desc by him & MW Kimnach 1983),
(Sedum) **albomarginatum** (Calif) (desc by RT Clausen 1975);

desc *species*:

(Echeveria) **chapalensis** [w RV Moran] (Jalisco, Michoacan) 1989 (disc by CH Uhl 1972),
(Echeveria) **pendulosa** [w MW Kimnach] (Venezuela) 1992 (disc by CH Uhl 1982),
(Villadia) **acuta** [w RV Moran] (San Luis Potosi) 1991 (disc by MW Kimnach 1962),
(Villadia) **aperta** [w RV Moran] (Durango) 1992,
(Villadia) **laxa** [w RV Moran] (Sonora, Chihuahua, Sinaloa) 1995,
(Villadia) **patula** [w RV Moran] (San Luis Potosi, Guanajuato, Queretaro) 1991,
(Villadia) **recurva** [w MW Kimnach & RV Moran] (Guerrero, Oaxaca) 1998;

transfer *species*:

"Sedum pruinosum" (NL Britton 1905) —> **Sedum spathulifolium** ssp **pruinosum** [w RT Clausen] 1944;

desc *subsp*:
(Villadia cucullata ssp) **apiculata** [w RV Moran] (Hidalgo, Nuevo Leon, Tamaulipas, San Luis Potosi) 1998.

Uhlarz, (Dr) **Helmut**; Ger; Institute of Systematic Botany, Univ of Heidelberg, Ger; IOS member 1997;
Book [1974] *Entwicklungsgeschichtliche Untersuchungen zur Morphologie der Basalen Blatteffigurationen Sukkulenter Euphorgien aus den Subsektionen Diacanthium Boiss. & Goniostema Baill.* Mainz, West Ger; Ger; 69p,
[1976] *Morphologische Untersuchungen zur Systematik der Gattung Pachypodium Lindl. (Apocynaceae, Echitoideae). I. Die Basalen Blatteffigurationen* Wiesbaden, Ger; Ger; 61p,
[1978] *Uber die Stipularorgane der Euphorbiaceae, Unter Besonderer Berücksichtigung hrer Rudimentation*; Ger; 65p.

†**Uhlig**, (Dr) Carl (29 Aug 1872–12 Sep 1938); Ger scientist, geographer & naturalist; prof of geography at Univ of Tübingen, Ger; meteorologist & geographer for government of Ger East Africa 1900–06; explored Tanzania-Kenya border in Kilimanjaro region 1901 & 1904;
disc *species*:
(Euphorbia) **uhligiana** (Kenya,Tanzania) (desc & nah by FA Pax 1909),
(Monadenium) **guentheri** (Kenya) 1901 (desc by FA Pax 1909 & na JCC Gunther).

†**Uhlig**, Karl-Heinz (6 May 1930–8 Apr 1993); Ger nurseryman; owner of *Uhlig Kakteen* nursery at Rommelshausen 1959~;
Book [1989] *Erstaunliche Sukkulentenwelt* Waiblingen, Ger; 47p w 29 photos (1 color);
disc *species*:
(Gymnocalycium) **buenekeri** (Rio Grande do Sul) 1968 (desc by GJ Swales 1978 & na RH Büneker) —> **Gymnocalycium horstii** ssp **buenekeri** by PJ Braun & A Hofacker 2002.

Uhlig, Matthias;
Book [2008] *Cactus Y Otras Suculentas* (= Cactus & Other Succulents) Hispano Europea, Spain; Spanish; 126p.

Uijen, A van;
Book [1980] *Cactussen uit Het Wild in de Nederlandse Handel* [w F Triep] 40p.

Uijs, (Dr) Ronald (fl. 1994); {Uijs}; RSA;
desc *species*:
(Lithops) **coleorum** [w SA Hammer] (Limpopo) 1994 (na DT & NA Cole).

†**Uilkens**, Theodorus Frederik (25 Apr 1812–12 Jun 1891); {Uilkens}; Netherlands;
Book [1858] *Handleiding Tot de Kennis en de Behandeling der Cactus-Soorten (Opuntiaceae)* Schoonhoven, Netherlands; 92p.

†**Uitewaal**, Antonius Josephus Adrianus [Antoon Joseph Adriaan] (7 Apr 1899–29 Mar 1963); {Uitew.}; Dutch photographer & botanist in Amsterdam, Netherlands; European student of genus Haworthia & Adromischus; wrote journal articles; editor of *Succulenta* 1947–56; co-founder & co-editor of Repertorium Plantarum Succulentarum w HM Roan 1950; founding member of IOS 1950;
Book [1952] *Cactussen en Vetplanten* Amsterdam, Netherlands; Dutch; 116p w 93 photos;
desc *genera*:
Astroloba (Western Cape, Eastern Cape) 1947,
Poellnitzia (Western Cape) 1940 (na JKL von Poellnitz);
desc *species*:
(Adromischus) **leucophyllus** (Western Cape) 1954,
(Adromischus) **roaneanus** (Northern Cape, Western Cape) 1952 (na HM Roan),
(Astroloba) **herrei** (Western Cape) 1948 (na AFJ Herre),
(Cotyledon) **kubusensis** (Northern Cape) 1953—> **Adromischus marianiae** var **kubusensis** by HR Tolken 1978,
(Haworthia) **batesiana** (Western Cape, Eastern Cape) 1948 (na JT Bates) —> **Haworthia marumiana** var **batesiana** by MB Bayer 1999,
(Haworthia) **janseana** (RSA) 1940 (na JA Janse),
(Haworthia) **marumiana** (Western Cape, Eastern Cape) 1940 (na M van Marum),
(Haworthia) **poellnitziana** (Cape) 1939 (disc by AGJ Herre & na JKL von Poellnitz) —> **Haworthia minima** var **poellnitziana** by MB Bayer 1999;
transfer *species*:
"Aloe bullulata" (NJ von Jacquin 1809) —> **Astroloba bullulata** 1947,
"Aloe congesta" (Salm-Dyck 1854) —> **Astroloba congesta** 1947,
"Aloe foliolosa" (AH Haworth 1804) —> **Astroloba foliolosa** 1947,
“Aloe spiralis” (C Linnaeus 1753) —> **Astroloba spiralis** 1947,
“Apricra rubriflora” (HML Bolus 1920) —> **Poellnitzia rubriflora** 1940,
"Haworthia diversifolia" (JKL von Poellnitz 1937) —> **Haworthia nigra** var **diversifolia** 1948;
desc *variety*:
(Cotyledon marianiae var) **immaculatus** (Western Cape) 1953.

Uittenbroeck, N;
Book [1991] *C&S* [w J van Wijngaarden] Amsterdam, Netherlands; 129p w 60 color photos.

Ujreti, [Ujréti,] Endre; Hungarian horticulturist;
Book [1986] *Fan Lako Kaktuszok* Budapest, Hungary,
[2003] *Dinnyekaktuszok* = "The genus Melocactus" Hungary; Hungarian; 99p w 87 color photos,
[2007] *Melocacti of Cuba* [w Z Rigerszki, G Delanoy & A Vilardebo] Tradate, Italy; Italian or Eng versions; 1740p w 265 color photos.

†**Ulbrich**, Oskar Eberhard (17 Sep 1879–4 Nov 1952); {Ulbr.}; Ger botanist, mycologist & pteridólogo; curator & prof at Univ of Berlin Museum;
desc *species*:
(Sedum) **aiokon** (Veracruz) 1917.

†**Ule**, Ernst Heinrich Georg (12 Mar 1854–15 Jul 1915); {Ule}; Ger botanist; to Brazil 1883; teacher & collector in Santa Catharina 1883–91, in s & central Brazil 1891–98, in Amazon region 1900–03 & 1908–32 & in Bahia 1906–07; assistant at Berlin Bot Museum 1913–14;
***species* nah:**
(Pilocereus) **ulei** (Rio de Janeiro) (desc & nah by KM Schumann 1903) —> **Pilosocereus ulei** by RS Byles & GD Rowley 1957;
disc *species*:
(Cephalocereus) **purpureus** (Bahia) 1906 (desc by RLA Gurke 1908) —> **Micranthocereus purpureus** by F Ritter 1968,
(Cephalocereus) **ulei** (Brazil) (desc & nah by RLA Gurke 1908) —> **Facheiroa ulei** by E Werdermann 1933,
(Cereus) **adscendens** (Brazil) 1906 (desc by RLA Gurke 1908) —> **Harrisia adscendens** by NL Britton & JN Rose 1920,
(Cereus) **amazonicus** (Bolivia, Peru) (desc by FKJ Vaupel 1913) —> **Praecereus euchlorus** ssp **amazonicus** by NP Taylor 1997,
(Cereus) **leucostele** (Bahia) (desc by RLA Gurke 1908) —> **Stephanocereus leucostele** by A Berger 1926,
(Cereus) **penicillatus** (Bahia, Minas Gerais) 1906 (desc by RLA Gurke 1908) —> **Arrojadoa penicillata** by NL Britton & JN Rose 1920,
(Cereus) **phaeacanthus** (Bahia, Minas Gerais) 1906 (desc by RLA Gurke 1908) —> **Brasilicereus phaeacanthus** by C Backeberg 1942,
(Cereus) **piauhyensis** (Brazil) 1907 (desc by RLA Gurke 1908) —> **Pilosocereus piauhyensis** by RS Byles & GD Rowley 1957,
(Cereus) **rhodanthus** (Brazil) 1907 (desc by RLA Gurke 1908) —> **Arrojadoa rhodantha** by NL Britton & JN Rose 1920,
(Cereus) **squamosus** (Brazil) 1907 (desc by RLA Gurke 1908) —> **Facheiroa squamosa** by PJ Braun 1989,
(Cereus) **trigonodendron** (Peru) 1908 (disc by him 1902),
(Pereskia) **bahiensis** (Bahia) 1906 (desc by RLA Gurke 1908),
(Wittia) **amazonica** (Costa Rica, Panama, Brazil, Colombia, Venezuela, Ecuador, Peru) 1902 (desc by KM Schumann 1903) —> **Pseudorhipsalis amazonica** by R Bauer 2003;
desc *species*:
(Euphorbia) **psammophila** (Bahia) 1908.

Uley, Joan Ojonoka; spouse M Uley; *variety* nah:
***Variety* nah:**
(Aloemorijensis var) **ojonokae** (Kenya) (desc & nah by M Uleh 2015 & disc by LE Newton

1995).

Uleh, Mark; Kenya; attended Kenyatta Univ; works in Dept of Forest Production and Products, University of Agriculture, Makurdi, Nigeria; spouse JO Uley;
desc *variety*:
(Aloe morijensis var) **ojonokae** (Kenya) 2015 (disc by LE Newton 1995 & na JO Uley).

†**Uline**, (Dr) Edwin Burton (1867–1933); {Uline}; US teacher & botanist;
PhD at Berlin Univ, Ger, as student of HGA Engler 1897; curator at Field Museum 1899 & Gray Herbarium 1900; teacher & principal of schools 1899~;
desc *variety*:
(Dioscorea macrostachya var) **sessiliflora** (Mex) 1896.

Ullrich, **Bernd** (4 Oct 1958–); {B.Ullrich}; Ger scientist interested in geography, geology & botany in Pforzheim, Ger; interested in Agave genus 1980~; explored in Mex;
0IOS member 1992;
Book [1993] *Agaven – Illustrationen Blühender Exemplare bis 1800* Frankfurt, Ger; Ger; 83p w 62 figures (16 colored);
disc *species*:
(Graptopetalum) **marginatum** (Nayarit) 1993 (desc by MW Kimnach & RV Moran 2002);
desc *species*:
(Agave) **gentryi** (Mex) 1990 (na H Gentry),
(Agave) **grijalvensis** (Chiapas) 1990;
transfer *species*:
"Agave multifilifera" (HS Gentry 1972) —> **Agave filifera** ssp **multifilifera** 1992,
"Agave schidigera" (AC Lemaire 1861) —> **Agave filifera** ssp **schidigera** 1992,
'Ghiesbreghtia dentate" (B Roezl 1861) —> **Agave attenuata** ssp **dentata** 2006,
"Yucca acaulis" (CS Kunth 1816) —> **Furcraea acaulis** 1992;
desc *subsp*:
(Agave horrida ssp) **perotensis** (Puebla, Veracruz) 1990;
transfer *subsp*:
"Agave scabra ssp maderensis" (HS Gentry 1982) —> **Agave asperrima** ssp **maderensis** 1992,
"Agave scabra ssp potosiensis" (HS Gentry 1982) —> **Agave asperrima** ssp **potosiensis** 1992,
"Agave scabra ssp zarcensis" (HS Gentry 1982) —> **Agave asperrima** ssp **zarcensis** 1992;
transfer *variety*:
"Agave micrantha var albidior" (Salm-Dyck 1859) —> **Agave mitis** var **albidior** 1993.

Ulveseter, Berte Marie (1958–); Norwegian; spouse M Dioli;
***species* nah:**
(Aloe) **bertemariae** (Ethiopia) (desc & nah by Sebsebe Demissew & M Dioli 2000),
(Euphorbia) **bertemariae** (Ethiopia) (desc & nah by M Dioli & P Bisseret 2005 & disc by

M Dioli 2000).

†**Underwood**, (Prof) (Dr) Lucien Marcus (26 Oct 1853–16 Nov 1907); {Underw.}; US botanist; PhD at Syracuse Univ 1879; prof of biology & geology at Syracuse Univ, NY 1883–91; prof of botany at De Pauw Univ, Indiana 1891–95, at Alabama Polytechnic Institute 1895–96 & at Columbia College, Chicago, Illinois 1896~; collected in Cuba, Jamaica & US; spouse Marie A [née Spurr] Underwood;
species **nah:**
(Agave) **underwoodii** (Cuba) (desc & nah by WA Trelease 1913).

Unger, Gottfried (28 Nov 1938–); {G.Unger}; Ger forester; graduated in forestry at Univ of Agricultural Sciences, Vienna 1961; worked in forestry service at Styria A 1961~; explored in Mex; interested in Echinocereus & Ferocactus; IOS member 1982;
Book [1992] *Die Grossen Kugelkakteen Nordamerikas* Graz; Ger; 467p w 48p of color photos;
desc ***species*****:**
(Ferocactus) **reppenhagenii** (Michoacan, Colima) 1974 (na W Reppenhagen) —> **Ferocactus alamosanus** ssp **reppenhagenii** by NP Taylor 1998.

†**Uphof**, Johannes Cornelius Theodorus [Theodoor] (1886–1969); {Uphof}; Dutch botanist & phycologist; to US 1912; prof of botany at State Univ of Arizona, Tucson, Arizona 1913–19, at Rollins College, Winter Park, Florida 1922–41 & at Tampa, Florida 1945~;
Book [1916] *Cold Resistance in Spineless Cacti*; 23p.

†**Urban**, [Urbán,] Alexander (3 Dec 1925–31 Mar 2002); Slovakian horticulturist;
Book [1972] *Čarovné Tŕne (Kniha o Kaktusoch)* Bratislava, Czech Rep; Slovak;
264p w 219 photos (50 in color).

†**Urban**, (Dr) Ignatz [Ignatius] (7 Jan 1848–7 Jan 1931); {Urb.}; Ger horticulturist, taxonomist & botanist; PhD at Berlin Univ 1873; assistant & curator 1878–89 & dir & titular prof 1889–13 at Berlin-Dahlem bot garden & museum; editor of *Flora Brasiliensis* ≈1907; worked on plant systematics & studied flora of West Indies;
desc ***genera*****:**
Sarcopilea (Dominican Rep) 1912,
Trematosperma (Somalia) 1883;
desc ***species*****:**
(Cypselea) **rubriflora** (Cuba) 1929,
(Portulaca) **brevifolia** (Cuba, Antilles, Venezuela) 1907,
(Sarcopilea) **domingensis** (Dominican Rep) 1912,
(Talinum) **domingense** [w EL Ekman] (Haiti, Dominican Rep) 1929,
(Talinum) **longipes** [w EO Wooton] (New Mex, Texas) 1913,
(Trematosperma) **cordatum** (Somalia) 1883;
transfer ***species*****:**
"Agave hexapetala" (NJ von Jacquin 1760) —> **Furcraea hexapetala** 1903,

"Cactus intortus" (P Miller 1768) —> **Melocactus intortus** 1919,
"Dolichos erosus (C Linnaeus 1753) —> **Pachyrhizus erosus** 1905.

Urban, Jacques;
Book [1991] *Familles des Cactacées, Aspect Taxinomique*; French; 26p.

†**Ursch**, Eugène (1882–1962); {Ursch}; French botanist; forester in Mada 1928–56; dir of Bot Garden at Tananarive, Mada 1956~; collected in Mada;
Book [1954] *Les Euphorbes Malgaches Epineuses et Charnues du Jardin Botanique de Tsimbazaza* [w JD Leandri] Paris, France; French; 72p. *[See listing under JD Leandri for species, subsp &/or var desc &/or transferred by both E Ursch & JD Leandri.]*

Urville, JSCD d' — See **d'Urville**, JSCD.

V

†**Vahl**, Martin [Henrichsen] (10 Oct 1749–24 Dec 1804); {Vahl}; Norwegian botanist; student of C Linnaeus at Uppsala Univ 1769–74; worked in Copenhagen bot garden, Netherlands 1774–79, as lecturer 1779–82; explored in Europe & N Africa 1783–85; prof of Soc of Natural History, Copenhagen 1786–1800; prof of botany at Univ of Copenhagen 1801~;
desc *species*:
(Collyris) **major** (India, Myanmar, Cambodia, Thailand, Laos, Vietnam, Malaysia, Indonesia, Singapore, Philippines, Papua New Guinea, Queensland) 1938 —> **Dischidia major** by ED Merrill 1917,
(Cotyledon) **alternans** (Saudi Arabia, Yemen) 1791 & —> **Kalanchoe alternans** by CH Persoon 1805,
(Euphorbia) **cuneata** (Arabian Peninsula, Sudan to Tanzania)1791,
(Jatropha) **glauca** (Arabian Peninsula, Sudan to Ethiopia, Somalia) 1790,
(Sedum) **pubescens** (Tunisia, Algeria) 1791,
(Sperlingia) **verticillata** (India, Myanmar, Cambodia, Laos, Vietnam, Thailand, Indonesia, Malaysia, Singapore) 1810 —> **Hoya verticillata** by G Don 1837;
transfer *species*:
"Papularia cyrstallina" (P Forsskal 1775) to **Trianthema crystallina** 1790,
"Saelanthus rotundifolius" (P Forsskal 1775) —> **Cissus rotundifolia** 1790.

Vahrmeijer, Johannes [**Hans**] (25 Oct 1942–); Dutch economic botanist; to RSA 1950; MSc at Potchefstroom Univ 1969; economic botanist at Bot Research Institute 1964–75 & to dept of defense 1976~;
disc *species*:

(Brachystelma) **vahrmeijeri** (Natal) (desc & nah by RA Dyer 1971).

†**Vaillant**, Sebastian; French traveler, naturalist & artist;
collected at Cape 1781–85 which included drawings of Euphorbias;
species **nah:**

(Tillaea) **vaillantii** (Europe, Cyprus, through Africa to Northern Cape, Western Cape) (desc & nah by KL von Willdenow 1798) —> **Crassula vailantii** by AW Roth 1827;
disc *species*:

(Euphorbia) **cucumerina** (Namaq) c1784 (desc by KL von Willdenow 1799).

Vajravelu, (Dr) E (1936–); {Vajr.}; Indian botanist; scientist w bot survey of India;
disc *species*:

(Euphorbia) **vajravelui** (India) 1990 (desc & nah by MS Binojkumar & NP Balakrishnan 1991).

Valazquez, [Valázquez,] (Dõna) Esperanza Benavides de; local community leader in Xichú, Guanajuato, Mex;
subsp **nah:**

(Strombocactus disciformis ssp) **esperanzae** (Guanajuato) (desc & nah by CE Glass & S Arias Montes 1996 & disc by them 1995).

Valckenier Suringar, J — See **Suringar**, JV .

†**Valdez**, (Mrs) L (fl. 1930); spouse AF Moeller; sister-in-law of H Moeller;
species **nah:**

(Pelecyphora) **valdeziana** (Coahuila, San Luis Potosi) (desc & nah by H Moeller 1930 & disc by him 1930) —> **Turbinicarpus valdezianus** by CE Glass & RA Foster 1977.

Valdez, [Valdéz,] Benito (1942–); {Valdéz};
desc *species*:

(Yucca) **lacandonica** [w A Gomez Pompa] (Veracruz, Tabasco, Campeche, Chiapas) 1962.

Valencia, [Valencia-Pelayo,] Oscar Manuel; {O.M.Valencia}; Mex amateur botanist; studies trees & agaves of western Mex;
disc *species*:

(Agave) **valenciana** (Jalisco) 2001 (desc & nah by MJ Chazaro & A Vasquez 2005).

Valencia, PH — See **Hiriart Valencia**, P.

Valencia, Rosa Elia Margarita Hernandez;
Book [1981] *Cactaceas de Doctor Arroyo, Nuevo Leon, Mex, su utilizacion y Notas Ecologicas* Nuevo Leon, Mex; Spanish; 100p; (PhD thesis),

[1985] *Cactaceas de San Luis Potosi, S.L.P., Mex*; Spanish; 81p.

†**Valentin**, (Dr) Juan [John] (17 Oct 1867–10 Dec 1897); Ger geologist; PhD at Strasburg Univ 1889; to Argentina 1894; on staff of Museum of La Plata & Natl Museum of Buenos Aires 1894~;

species **nah:**

(Pterocactus) **valentinii** (Argentina) 1899 (na J Valentin).

†**Valentyn**, [Valentinus,] Francois [Franciscus] (17 Apr 1666–6 Aug 1727); Dutch historian & theologian; traveled to East Indies 1686–94 & 1706–13; spouse Cornelia [née Snaats] Valentyn;

Book [1724–26] *Beschrywinge van der Kaap der Goede Hoop* Dordrecht; (in 5 Vols); (includes list of 28 'aloe' species).

Valenquela Zapata, Ana Guadalupe — See **Zapata**, AGV.

†**Valeton**, (Dr) Theodoric (28 Jun 1855–11 Sep 1929); {Valeton}; Dutch botanist, bacterologist & scientist; PhD at Univ of Groningen 1886 & prof 1885–89; bacteriologist at Java Sugar Experiment Station, Pasuruan, Java 1889–92; scientist at Buitenzorg bot garden & herbarium 1892–13; collected in Indonesia;

desc *species*:

(Myrmecodia) **angustifolia** (Irian Jaya) 1927,
(Myrmecodia) **longifolia** (New Guinea) 1911,
(Myrmecodia) **longissima** (New Guinea) 1927,
(Myrmecodia) **oblongata** (Papua New Guinea) 1927,
(Myrmecodia) **schlechteri** (Papua New Guinea) 1927.

Valiente-Banuet, Alfonso;

Book [2002] *Columnar Cacti & Their Mutualists: Evolution, Ecology & Conservation* [w TH Fleming] Tucson, Arizona; Eng; 371p; (editors of).

Valles Septien, [Valles Septén,] Carmen;

Book [1997] *Suculentas Mexicanas Cactaceas* Mex City, Mex; Spanish/Eng; 143p w 80 color photos; (editor of).

†**Valnicek**, (Dr) Jan (–4 May 1967); Czech Rep; IOS member 1963;

Book [1960] *Kaktusy* [w F Pazout & R Subik] Prague, Czech Rep; Czech; 180p;

species **nah:**

(Gymnocalycium) **valnicekianum** (Cordoba) (desc & nah by B Jajo 1934)
—> **Gymnocalycium mostii** ssp **valnicekianum** by M Meregalli & GJ Charles 2008.

Vammaele, W;

Book [1983] *Vergelijkende Morphologie en Taxonomische Bruikbaarheid van Doornen van*

Enkele Cactaceae-genera Brussel; 26p.

Van Balen, Jan C — See **Balen**, Jan C van.
Van Breda, PAB — See **Breda**, Philip Albert Brand van.
{van Criek.}, — See **Criekinge**, L van.
Van de Pol, PA — See **Pol**, PA van de.
Van den Houten, JM — See **Houten**, JM van den**.**
Van der Berg, M — See **Berg**, M van der.
Van der Bijl, [Van der Byl,] DS — See **Bijl**, DS van der.
Van der Merwe, Frederick Ziervogel — See **Merwe**, FZ van der.
Van der Stel, Simon — See **Stel**, S van der.
Van der Walt, JJA — See **Walt**, JJA van der.
Van Heek, Werner — See **Heek**, W van.
Van Heerde, Helena — See **Heerde**, H van.
Van Heerde, Pieter — See **Heerde**, P van.
Van Jaarsveld, Ernst Jacobus — See **Jaarsveld**, EJ van.
Van Keppel, JC — See **Keppel**, JC van .
Van Laren, AJ — See **Laren**, AJ van.
Van Ness, Martha — See **Ness**, M van.
Van Niekerk, Grace — See **Niekerk**, Grace van.
Van Nouhuys, Jan Jozua — See **Nouhuys**, JJ van.
Van Putten, ? — See **Putten**, ? van.
Van Rensburg, AD — See **Rensburg**, AD van.
Van Son, G — See **Son**, G van.
Van Steenis, CGGJ — See **Steenis**, CGGJ van.
Van Wyk, AE — See **Wyk**, AE van.
Van Wyk, B-E — See **Wyk**, B-E van.
Van Zyl, Gert — See **Zyl**, G van.

Vandecaveye, L;
Book [1994] *Courante Cactussen en Vetplanten* Tielt; 107p.

†**Vandelli**, Domenico [Domingo, Domingos] (8 Jul 1735–27 Jun 1816); {Vand.}; Italian botanist, naturalist & phyusician; PhD at Univ of Padua; founded Ajuda bot garden, Lisboa 1766–68; prof of chemistry & natural history & first dir of bot garden at Univ of Coimbra 1773–91; originator of genus name Dracaena desc by C Linnaeus;
Book [1768] *Dissertatio de Arbore Draconis seu Dracaena* Olisipone [Lisboa], Italy; 39p.

†**Vanderyst**, Hyacinthe Julien Robert (1860–1934); Belgian agronomical engineer, botanist & missionary; to Belgian Congo;
species **nah:**

(Ceropegia) **vanderystii** (Zaire, Angola) (desc & nah by EAJ de Wildeman 1914).

†**Vandick**, Joseph;
disc *species*:
(Cereus) **militaris** (Michoacan, Guerrero, Colima, Jalisco) c1836 (desc by N Audot 1845) —> **Pachycereus militaris** by DR Hunt 1987.

Vandome, Agnes F;
Book [2010] *Lithops* [w FP Miller] Beaubassin, Mauritius; Eng; 97p.

†**Vaniot**, Eugène (1846–1913); {Vaniot}; French botanist;
desc *species*:
(Sedum) **phyllanthum** [w AAH Leveille] (China) 1904.

Vanmaele, Wim; photographer;
Book [1983] *Vergelijkende Morphologie en Taxonomische Bruikbearheid van Doornen van Enkele Cactacea-Genera* Brussels, Belgium; Flemish; 26p.

†**Varela**, A;
Book ff[1864] *Ensayo Sobre el Plantino y Cultivo del Maguey o Agave mexicano* Texcoco; 56p.

†**Vargas Calderon**, [Vargas, Vargas Calderón,] (Prof) (Dr) Julio Césare (26 Apr 1903–30 Nov 2002); {Vargas}; Bolivian botanist to Peru; prof of botany at Univ of Cuzco, Peru; explored & collected in Peru;
disc *species*:
(Cereus) **vargasianus** (Peru) 1948 (desc & nah by M Cardenas 1951.

Vargas-Rodriguez, Yalma Luis;
Book [2007] *Agaves del Occidente de Mexico* [w M de J Chazaro Basanez, G Hernandez-Vera, EP Flores-Berrios, JA Vazquez-Garcia] Guadalajara, Mex; Spanish; 221p w color photos.

Vartavan, Christian de;
Book [1997] *Codex of Ancient Egyptian Plant Remains* [w MV Asensi Amoros] London; French/Eng; 401p; (records over 4,600 ancient Egyptian plant remains, including Adansonia digitata, Aizoaceae, Cissus quadrangularis, Euphorbia, Liliaceae & Portulaca).

†**Vasey**, (Dr med) George (28 Feb 1822–4 Mar 1893); {Vasey}; British to US 1823; physician, agrostologist & botanist; first botanist at Illinois State Univ & curator of herbarium (nah) at natural history museum 1859–72; botanist at USDA & curator at herbarium 1872~; collected at US Rocky Mtns & Grand Canyon area 1868; spouse Martha Jane [née Scott] Vasey (–1866);
desc *genus*:
Coulterella [w JN Rose] (Baja Calif) 1890 (na JM Coulter);
desc *species*:

(Coulterella) **capitata** [w JN Rose] (Baja Calif) 1890.

Vaško, Zdeněk;
desc *species*:
(Escobaria) **abdita** [w R Repka] (Coahuila) 2011.

Vasquez, [Vásquez-García,] J Antonio; {A.Vasquez};
desc *species*:
(Agave) **valenciana** [w MJ Chazaro] (Jalisco) 2005 (disc by OM Valencia 2001 & nah).

Vasquez, [Vásquez Chavez,] Roberto (7 Dec 1941–); {R.Vasquez}; Bolivian botanist; Univ degree in business administration & botany at High Point College, High Point, N Carolina; founder & pres of Bot Soc of Bolivia; collector of Sulcorebutias in 1970s; IOS member 1978;
***species* nah:**
(Sulcorebutia) **vasqueziana** (Bolivia) (desc & nah by W Rausch 1970) —> **Rebutia vasqueziana** by DR Hunt 2003,
(Trichocereus) **vasquezii** (Bolivia) (desc by W Rausch 1974) —> **Echinopsis vasquezii** by GD Rowley 1975;
desc *species*:
(Sulcorebutia) **cardenasiana** (Cochabamba) 1975 (disc by him & na M Cardenas) —> **Rebutia cardenasiana** by G Navarro 1996.

†**Vatke**, Georg [George] Carl **Wilhelm** (12 Aug 1849–6 Apr 1889); {Vatke}; Ger botanist; assistant at Berlin bot garden 1876–79 & botanist 1879~;
desc *species*:
(Ceropegia) **affinis** (tropical & subtropical Africa, Mada) 1876,
(Convolvulus) **oenotherae** (Ethiopia to Namibia, Gauteng) 1882 —> **Ipomoea oenotherae** by EH Hallier 1893,
(Notonia) **hildebrandtii** (Kenya) 1877 (na JM Hildebrandt) —> **Senecio nyikensis** var **hildebrandtii** by GD Rowley 1990,
(Pachypodium) **rutenbergianum** (Mada) 1885 (disc by DC Rutenberg c1877 & nah),
(Talinum) **taitense** [w FA Pax] (Kenya, Tanzania) 1893 —> **Calyptrotheca taitensis** by JPM Brenan 1949.

†**Vatova**, [Vàtova,] (Dr) Aristocle (1897–1992); {Vatova}; Italian botanist: PhD at Torino 1924; worked w phycology, invertebrate taxonomy & benthic biocoenology at Institute for Marine Biology, Rovinj, Italy 1923–43; collected in Ethiopia & Somalia;
disc *species*:
(Monadenium) **reflexum** (Ethiopia, Kenya) 1937 (desc by E Chiovenda 1951).

Vaughan, Hugo; works for Trade Records Analysis of Flora & Fauna in Commerce, RSA;
Book [1996] *S Africa's Aloe ferox: Plant, Parts & Derivatives Industry* [w DJ Newton]

Johannesburg, RSA; Eng; 61p.

†**Vaupel**, (Prof) (Dr) **Friedrich** Karl Johann (23 May 1876–4 May 1927); {Vaup.}; Ger botanist; PhD at Munchen Univ 1903; worked at Berlin Bot Museum 1908~, curator 1921~ & prof 1926~; pres of DKG 1910–27; collected in Mex & West Indies 1899–1903 & 1907–10 & in India, Australia & Samoa Islands 1903–07; edited Ger Soc journal *Monatschrift für Kakteenkunde* 1911–20; founder & editor of *Zeitschrift für Sukkulentenkunde* in Berlin 1923~; specialized on Cactaceae;

Book [1900–21] *Blühende Kakteen* [w KM Schumann & RLA Gurke] (continued in parts w RLA Gurke after KM Schumann's death in 1904); (watercolour paintings by Toni Gurke);

[1900–05] Vol 1; (each Vol, 60 plates w text)
[1905–10] Vol 2;
[1910–21] Vol 3;

[1913] *Verzeichnis der Seit dem Jahre 1903 Neu Beschriebenen und Unbenannten Gattungen und Arten aus der Familie der Cactaceae, Soweit Sie Noch Nicht in dem Ersten Nachtrag zu K. Schumanns 'Gesammtbeschreibung der Kakteen' Enthalten Sind* Neudamm; Ger; 40p,

[1913] *Cactaceae Andinae* Leipzig, Ger; 31p,

[1914] *Cactaceae in Engler & Prantl Die Natürl*,

[1925–26] *Die Kakteen: Monographie der Cactaceae* Berlin, Ger; Ger; (in 3 Parts);

[1925] Part 1, 48p;
[1926] Part 2, 48p;
Part 3 in proof form only due to death; 37p; (covers Pereskia, Maihuenia, Rhipsalis, Wittia, Epiphyllum, Aporocactus & part of Echinocactus);

species **nah:**

(Coryphantha) **vaupeliana** (Tamaulipas) (desc & nah by F Boedeker 1928 & disc by H Baum 1925),

(Echinocactus) **vaupelianus** (San Luis Potosi) (desc & nah by E Werdermann 1931) —> **Stenocactus vaupelianus** by FM Knuth 1936;

desc *species*:

(Cephalocereus) **melanostele** (Peru) 1913 (disc by A Weberbauer 1903) —> **Espostoa melanostele** by J Borg 1937,

(Cereus) **acanthurus** (Peru) 1913 (disc by AT Agate 1839) —> **Cleistocactus acanthurus** by DR Hunt 1987,

(Cereus) **acranthus** (Peru) 1913 (disc by A Weberbauer 1902) —> **Haageocereus acranthus** by C Backeberg 1933,

(Cereus) **amazonicus** (Bolivia, Peru) 1913 (disc by EHG Ule) —> **Praecereus euchlorus** ssp **amazonicus** by NP Taylor 1997,

(Cereus) **apiciflorus** (Peru) 1913 (disc by A Weberbauer 1903) —> **Corryocactus apiciflorus** by F Buxbaum 1963,

(Cereus) **brachypetalus** (Peru) 1913 (disc by A Weberbauer 1902) —> **Corryocactus brachypetalus** by NL Britton & JN Rose 1920,

(Cereus) **brevistylus** (Peru, Chile) 1913 (disc by A Weberbauer 1902) —> **Corryocactus**

brevistylus by NL Britton & JN Rose 1920,

(Cereus) **chrysostele** (Brazil) 1923 —> **Pilosocereus chrysostele** by RS Byles & GD Rowley 1957,

(Cereus) **decumbens** (Peru, Chile) 1913 (disc by A Weberbauer 1902) —> **Haageocereus decumbens** by C Backeberg 1934,

(Cereus) **goebelianus** (Bahia, Minas Gerais) 1923 (na KIE Goebel) —> **Coleocephalocereus goebelianus** by AFH Buining 1970,

(Cereus) **luetzelburgii** (Bahia) 1923 (disc by P von Luetzelburg 1913 & nah) —> **Stephanocereus luetzelburgii** by NP Taylor & UV Eggli 1991,

(Cereus) **megalanthus** (Peru) 1913 —> **Hylocereus megalanthus** by R Bauer 2003,

(Cereus) **micranthus** (Peru) 1913 (disc by A Weberbauer 1902) —> **Pfeiffera micrantha** by PV Heath 1994,

(Cereus) **oligolepis** (Brazil, Guyana) 1913 —> **Pilosocereus oligolepis** by RS Byles & GD Rowley 1957,

(Cereus) **plagiostoma** (Cajamarca) 1913 —> **Cleistocactus plagiostoma** by DR Hunt 1997,

(Cereus) **squarrosus** (Peru) 1913 —> **Corryocactus squarrosus** by PC Hutchison 1963,

(Cereus) **tacaquirensis** (Bolivia) 1916 (disc by KAG Fiebrig 1904) —> **Echinopsis tacaquirensis** by H Friedrich & GD Rowley 1974,

(Cereus) **tarijensis** (Bolivia) 1916 (disc by KAG Fiebrig 1904) —> **Echinopsis tarijensis** by H Friedrich & GD Rowley 1974,

(Cereus) **weberbaueri** (Peru) 1913 (disc by A Weberbauer 1902) —> **Weberbauerocereus weberbaueri** by C Backeberg 1957,

(Echinocactus) **aurantiacus** (Peru) 1913 (disc by A Weberbaur 1904) —> **Matucana aurantiaca** by F Buxbaum 1973,

(Echinocactus) **myriacanthus** (Amazonas A, Cajamarca, La Libertad) 1913 (disc by A Weberbauer 1904) —> **Matucana haynei** ssp **myriacantha** by R Mottram 1997,

(Echinocactus) **pflanzii** (Bolivia, Argentina, Paraguay) 1923 (na K Pflanz) —> **Gymnocalycium pflanzii** by E Werdermann 1935,

(Echinocactus) **weberbaueri** (Amazonas A) 1913 (disc by A Weberbauer 1904 & nah) —> **Matucana weberbaueri** by C Backeberg 1939,

(Melocactus) **ernestii** (Brazil) 1920,

(Melocactus) **peruvianus** (Ecuador, Peru) 1913 (disc by A Weberbauer 1903),

(Opuntia) **dactylifera** (Argentina, Bolivia, Peru, Chile) 1913 (disc by A Webergauer 1902) —> **Cumulopuntia boliviana** ssp **dactylifera** by DR Hunt 2002,

(Opuntia) **ignescens** (Bolivia, Peru, Chile) 1913 —> **Cumulopuntia boliviana** ssp **ignescens** by DR Hunt 2002,

(Pereskia) **verticillata** Argentina, Bolivia, Paraguay) 1923 (disc by K Pflanz 1922) —> **Quiabentia verticillata** by FJ Borg 1937;

transfer *species*:

"Cactus harlowii" (NL Britton & JN Rose 1912) —> **Melocactus harlowii** 1912,

"Neomammillaria rekoi" (NL Britton & JN Rose 1923) —> **Mamm rekoi** 1925.

Vautier, Mireille;

Book [1985] *Kakteen* [w A de Nanxe] Dortmund; Ger; 136p.

†**Vazquez**, [née Garcia,] (Dr) Leonila (17 Jan 1914–30 Jan 1995); Mex research biologist; entomologist at Instituto de Biologia de la UNAM 1936~; PhD in 1946;
***species* nah:**
(Fouquieria) **leonilae** (Guerrero) (desc & nah by F Miranda 1961).

Vazquez-Garcia, [Vázquez-Garcia,] José Antonio;
Book [2007] *Agaves del Occidente de Mexico* [w M de J Chazaro Basanez, G Hernandez-Vera, EP Flores-Berrios, YL Vargas-Rodriguez] Guadalajara, Mex; Spanish; 221p w color photos.

†**Veatch**, (Dr med) John Allen (5 Mar 1808–24 Apr 1870); US physician, surgeon, surveyor, scientist & politician; studied medicine under (Dr) John Work in Louisville, Kentucky ≈1829; Kentucky to Louisiana 1829, to Texas 1834, to Calif c1854, to Nevada 1862 & to Oregon 1865; curator of conchology at Calif Academy of Sciences 1858–61; explored & surveyed Carres Island off Lower Calif; first spouse Charlotte [née Sheridan or Edwards] Veatch; second spouse Ann M [née Bradley] Veatch; third spouse Samanthe [née Brisbee] Veatch (–1869);
disc *species*:
(Idria) **columnaris** (Lower Calif, Sonora) c1859 (desc by A Kellogg 1860) —> **Fouquieria columnaris** by MK Curran [Brandegee] 1885.

Vega, [Vega-Avina,] Rito; Mex; {Vega}; Universidad Autónoma de Sinaloa, Facultad de Agronomia;
desc *species*:
(Echeveria) **kimnachii** [w JMeyran] (Sinaloa) 1998 (disc by R Vega & na MW Kimnach).

Velazco, [Velazco Macias,] Carlos G (fl. 2001); {Velazco}; Mex;
desc *genus*:
Digitostigma [w M Nevarez] (Nuevo Leon) 2002 (disc by M Nevarez 2001);
desc *species*:
(Digitostigma) **caput-medusae** [w M Nevarez] (Nuevo Leon) 2002 (disc by M Nevarez 2001) —> **Astrophytum caput-medusae** by DR Hunt 2003.

Velazquez, Ernesto; Mex;
Book [1998] *El Nopay y su Historia* Mex City; 93p.

†**Velenovsky**, [Velenovský,] (Prof) (Dr) **Josef** [Joseph] .0(22 Apr 1858–7 May 1949); {Velen.}; Bohemian botanist, taxonomist, morphologist, palaeobotanist, bryologist & mycologist; prof of phytopathology & plant systematics at Charles Univ, Praha 1892–27 & dir of bot garden 1900–27;
desc *species*:
(Sempervivum) **erythraeum** (Bulgaria) 1891 —> **Sempervivum marmoreum** ssp **erythraeum** by BJM Zonneveld 1998.

†**Vellozo**, [Velloso, Veloso, né Velloso Xavier] José Mariano de Conceição (1742–14 Jul 1811); {Vell.}; Brazilian clergyman & botanist; instructor at São Paulo 1771 & studied flora of Rio de Janeiro 1782–90; dir of Tipografia Caliográfica Tipoplástica de Arco do Cego 1790~;

desc *species*:

(Cactus) **cruciformis** (Brazil, Argentina, Paraguay) 1825 —> **Lepismium cruciforme** by FAW Miquel 1838,

(Cactus) **teres** (Brazil) 1829 —> **Rhipsalis teres** by EG von Steudel 1841,

(Euphorbia) **comosa** (Brazil) 1829,

(Fevillea) **passiflora** (Brazil) 1829,

(Orobanche) **fissa** (Brazil) 1829 —> **Nematanthus fissus** by LE Skog 1975,

(Orobanche) **fluminensis** (Brazil) 1829 —> **Nematanthus fluminensis** by K Fritsch 1906,

(Tradescantia) **fluminensis** (Minas Gerais, Rio Grande do Sul, Paraguay, Uruguay, Argentina) 1829.

Venning, (Dr) Frank Denmire (1920–1994); US plant anatomist, morphologist & horticulturist; head of Swingle Plant Research Laboratory at Univ of Miami, Florida; deputy food & agricultural officer at US Agency for International Development to United Arab Rep;

Book [1974] *Cacti—A Golden Guide* NYC; Eng; 160p w 200 water color illustrations by Manabu C Saito.

†**Ventenat**, Étienne Pierre (1 Mar 1757–13 Aug 1808); {Vent. or Venten.}; French clergyman, librarian & botanist; librarian at Abbey of Ste.-Genevieve, Paris; studied botany w CL L'Heritier; lecturer on botany; pub on plants cultivated in gardens of J-M Cels & Mme Bonaparte at Jardin de la Malmaison;

Book [1799] *Tableau du Regne Vegetal* Paris; French; (in 4 Vols);

Vol 1; 628p Vol 2; 608p
Vol 3; 588p Vol 4; 265p;
w 24 engraved copper plates; (includes succ),

[1800–03] *Description des Plantes Nouvelles et Peu Connues Cultivés Dans le Jardin de J.M. Cels* Paris, France; 100p; (in 10 parts);

desc *genus*:

Furcraea (Mex, West Indies, Central Amer, Colombia, Venezuela, Peru, Bolivia, Brazil, Paraguay) 1793 (na AF de Fourcroy);

desc *species*:

(Furcraea) **cubensis** (Cuba, Haiti) 1793,

(Furcraea) **gigantea** (Brazil) 1793.

Venter, (Dr) Hendrik Johannes Tjaart (22 Oct 1938–); {Venter}; RSA botanist; DSc at Pretoria Univ, RSA 1972; botanist at Univ of Zululand 1962–72 & at Univ of Orange Free State 1973~; interested in plant sociology;

desc *species*:
(Raphionacme) **borenensis** [w MG Gilbert] (Ethiopia, Kenya, Somalia) 1989,
(Raphionacme) **dyeri** [w E Retief] (Free State) 1983 (na RA Dyer),
(Raphionacme) **elsana*** (Natal) 1987 (disc by Elsa Pooley & nah),
(Raphionacme) **haeneliae*** (Namibia) 1996 (disc by C Hanel & nah),
(Raphionacme) **lobulata*** (Eastern Cape) 1988,
(Raphionacme) **namibiana*** (Namibia) 1986
(Raphionacme) **palustris*** (Natal) 1986,
(Raphionacme) **pulchella*** (Mozambique, Zimbabwe) 1986,
(Raphionacme) **sylvicola*** (Zambia) 1986;
transfer *species*:
"Raphionacme abyssinica" (E Chiovenda 1939) —> **Schlechterella abyssinica*** 1999.
*w AA Verhoeven

Venter, JD [Kobus] (fl. 1997); {J.D.Venter}; RSA horticulturist & photographer; interested in Haworthia genus; owner of large succ collection; explored in RSA;
desc *species*:
(Haworthia) **bayeri** [w SA Hammer] (Western Cape) 1997 (na MB Bayer);
transfer *species*:
"Haworthia comptoniana" (GG Smith 1945) —> **Haworthia emelyae** var **comptoniana** [w SA Hammer] 1997;
desc *variety*:
(Haworthia magnifica var) **splendens** [w SA Hammer] (Western Cape) 1998 (disc by AGJ Herre 1920s).

Venter, (Dr) Stefanus [Fanie] (1 Jul 1953–); {S.Venter}; RSA botanist, environmental scientist, ethnobotanist & evolutionary & molecular biologist; PhD in Systematics & Ecology at Victoria Univ of Wellington, New Zealand 2009; curator of herbarium at Univ of the North (Univ of Limpopo), RSA 1985–95; dir of Bot Consultancy Company, RSA 1995–98; co-dir & co-owner of 'Big Plant Depot' tree nursery & dir of Bot Consultancy Company, New Zealand 1999–2006; dir of Bot & Environmental Consultancy, Queensland, Australia 2006~; collected in Australia, New Caledonia, New Zealand, Lord Howe Island, Egypt, Israel, Lesotho, Namibia, RSA, Swaziland, Zambia, Zimbabwe;
***species* nah:**
(Euphorbia) **venteri** (Botswana) (desc & nah by RH Archer & S Carter 2001),
(Kleinia) **venteri** (Limpopo) (desc & nah by EJ van Jaarsveld 2005);
disc *species*:
(Plectranthus) **venteri** (Limpopo) (desc & nah by EJ van Jaarsveld & A Hankey 1997).

Ventimiglia, L;
Book [1895] *Del Cactus* Palermo, Sicily; 118p.

†**Verbeek Wolthuys**, Joannes Jacobus; The Netherlands;

Book [1923] *De Vetplanten* Assen; Dutch; 64p,
[1924] *Onze Gedoornde Vrienden* Leeuwarden; Dutch; 73p,
[1924] *De Cactussen, Handleiding Voor de Verzorging en het Aanleggen van Verzamelingen van Planten Uit de Familie der Cactaceae* Amsterdam, Netherlands; Dutch; 64p,
[1928] *Het Cactusboek* Utrecht, Netherlands; Dutch; 168p,
[1938] *Het Raadsel van Het Ontstaan van Monstruositeiten en Cristaties Bij de Succulenten* = "The Enigma of the Origin of Monstrosity & Cristation in Succ Plants" Haarlem, Netherlands; ½Eng/½Dutch; 73p; (rev 1948, 111p); (English translation by JA Schuurman, Consul General of Netherlands at New Orleans, US, & in other countries),
[1948] *Het Raadsel van Het Ontstaan van Monstruositeiten en Cristaties Bij de Succulenten*; Dutch/Eng; 111p.

†**Verdcourt**, (Dr) Bernard (20 Jan 1925–25 Oct 2011); {Verdc.}; Eng biologist, botanist & taxonomist; PhD in botany at Reading Univ; botanist at Amani Herbarium, Tanzania 1949–50, at East African Herbarium, Nairobi, Kenya 1950–64 & at Kew Herbarium, UK 1964~; Linnean Medal 2000;
Book [1993] *Vitaceae* part from *Flora of Tropical East Africa* Rotterdam, Netherlands; Eng,
[1996] *Piperaceae* part from *Flora of Tropical East Africa* Rotterdam, Netherlands; Eng;
desc *species*:
(Adenia) **ballyi** (Somalia) 1964 (na PR Bally),
(Adenia) **pseudoglobosa** (Kenya) 1964 —> **Adenia globosa** ssp **pseudoglobosa** by WJ de Wilde 1969,
(Cyphostemma) **grahamii** (Kenya) 1993 (na MD Graham),
(Cyphostemma) **jiguu** (Kenya) 1986,
(Cyphostemma) **zimmermannii** (Kenya, Tanzania) 1993 (na AWP Zimmermann),
(Moringa) **pygmaea** (Somalia) 1985,
(Pelargonium) **christophoranum** (Somalia) 1968 (disc by Christopher Hemming & nah);
transfer *species*:
"Diplochonium sesuvioides" (E Fenzl 1839) —> **Sesuvium sesuviodes** 1957,
"Dolichos mitis" (A Richard 1847) —> **Neorautanenia mitis** 1969,
"Erythrophysa aesculina" (HE Baillon 1873) —> **Erythrophysopsis aesculina** 1962;
desc *subsp*:
(Adenia pseudoglobosa ssp) **curvata** (Tanzania) 1964 —> **Adenia globosa** ssp **curvata** by WJ de Wilde 1969;
desc *variety*:
(Cissus quadrangularis var) **aculeatangula** (Kenya) 1993.
(Cissus rotundifolia var) **ferrugineo-pubescens** (Kenya) 1993.

†**Verdoorn**, (Dr hc) Inez Clare [Claire] (15 Jun 1896–2 Apr 1989); {I.Verd.}; RSA botanist; expedition to n Transvaal w AA Obermeijer & HG Schweickerdt 1932; herbarium assistant at division of botany & plant pathology, Pretoria 1917 & botanist at Bot Research Institute, Pretoria, RSA 1944–51; awarded Senior Capt. Scott Medal by S Africa Biological Soc 1952 & pres of Soc 1957; honorary PhD at Natal Univ 1967;

Book [1962] *Wild Flowers of theTransvaal* [w RA Dyer & LEW Codd] Johannesburg, RSA; Eng; 362p; [w artist CL Letty];

species **nah:**

(Mossia) **verdoorniae** (Orange Free State) (desc & nah by NE Brown 1934) —> **Chasmatophyllum verdoorniae** by HML Bolus 1936;

disc *species*:

(Caralluma) **schweickerdtii** [w AA Obermeyer & HGW Schweickerdt] (Transvaal) 1932 (desc by AA Obermeyer 1937 & na HGW Schweickerdt),

(Ceropegia) **cimiciodora** [w AA Obermeyer & HGW Schweickerdt] (Limpopo, Natal, Swaziland) 1932 (desc by AA Obermeyer 1933);

(Euphorbia) **aeruginosa** [w AA Obermeyer & HGW Schweickerdt] (Limpopo) 1932 (desc by HGW Schwickerdt 1935),

(Lithops) **salicola** (Free State, Northern Cape) 1935 (desc by HML Bolus 1936);

desc *species*:

(Aloe) **babatiensis** [w HB Christian] (Tanzania) 1954 (disc by IB Pole Evans & J Erens 1938),

(Aloe) **corallina** (Namibia) 1979,

(Aloe) **monotropa** (Limpopo) 1961 (disc by LC Thompson 1958),

(Aloe) **nyeriensis** (Kenya) 1952 (disc by IB Pole-Evans & J Erens 1938),

(Aloe) **peckii** [w PRO Bally] (Somalia) 1956 (disc by EA Peck 1951 & nah),

(Aloe) **prinslooi** [w DS Hardy] (Natal) 1965 (disc by G Prinsloo 1964 & nah),

(Aloe) **soutpansbergensis** (Limpopo) 1962 (disc by AH Crundall 1942),

(Aloe) **torrei** [w HB Christian] (Mozambique) 1946 (disc by AR da Torre & nah),

(Caralluma) **ubomboensis** (Natal, Swaziland, Zimbabwe) 1932 (disc by IB Pole Evans 1930) —> **Orbea ubomboensis** by PV Bruyns 2001,

(Desmonema) **fragosum** (Namibia, Limpopo, Botswana) 1941 —> **Tinospora fragosa** by IC Verdoorn 1962,

(Echidnopsis) **repens** [RA Dyer] (Kenya, Tanzania) 1939 (disc by J Erens 1938),

(Haworthia) **ubomboensis** (Swaziland) 1941 —> **Haworthia limifolia** var **ubomboensis** by GG Smith 1950,

(Huernia) **bicampanulata** (Transvaal, Bechuanaland Protectorate) 1932 (disc by G van Son c1931),

(Huernia) **nouhuysii** (Limpopo) 1931 (disc by JJ van Nouhuys c1930 & nah),

(Kalanchoe) **crundallii** (Transvaal) 1946 (disc by AH Crundall & nah),

(Plinthus) **karovicus** (Northern Cape, Eastern Cape, Free State) 1941,

(Stapelia) **clavicorona** (Northern Prov) 1931 (disc by JJ van Nouhuys),

(Stapelia) **macloughlinii** (Eastern Cape) 1941 (na AG McLoughlin) —> **Orbea macloughlinii** by LC Leach 1975,

(Stapelia) **tapscottii** (Botswana, North-West, Limpopo) 1927 (disc by S Tapscott c1927 & nah) —> **Orbea tapscottii** by LC Leach 1975,

(Stultitia) **paradoxa** (Mozambique, Natal, Swaziland) 1937—> **Obea paradoxa** by LC Leach 1978,

(Stultitia) t**apscottii** (Transvaal, Botswana) 1927 (na S Tapscott) —> **Orbea tapscottii** by LC Leach.

Verdus, (Dr) Marie-Claire; French; PhD at Univ de Toulouse, France; worked at Laboratoire des Processus Integratifs Cellulaires, Univ de Rouen, France;
Book [1970] *Contribution à l'Étude des Plantules d'Euphorbiacées* Toulouse, France; French; 70p; (PhD thesis).

†**Vereker**, Louis SA (fl. 1933); Salisbury, Southern Rhodesia [Zimbabwe]; collected succ;
***species* nah:**
(Huernia) **verekeri** (Zambia, Zimbabwe, Malawi, Botswana, Mozambique, Namibia) (desc & nah by SM Stent 1933 & disc by DH Townley);
disc *variety*:
(Aloe chabaudii var) **verekeri** (Mozambique, Zimbabwe) 1931 (desc & nah by S Schonland 1938).

Veres, [Vereš,] Gabriel; Slovakian horticulturist; specialist in hardy Cacti;
Book [2003] *Mrazu Vzdorné Kaktusy Severnej Ameriky* = "Winter hardy cacti of North America" Sliač; Slovakian; 136p w 214 color photos.

Verheulpen, Willy (1944–);Belgium; chemical–electronic engineer;
Book [1988] *Die Gattung Parodia, Namen & Synonyme* = "The Genus Parodia, Names & Synonyms"; Ger/Eng; 31p.

Verhoek-Williams, [née Verhoek,] (Dr) **Susan** Elizabeth (1942–); {Verh.-Will.}; US botanist; PhD in botany at Cornell Univ, Ithaca, NY 1975; botanist at dept of biology, Lebanon Valley College, Annville, Pennsylvania; collected in Mex & Texas;
Book [1975] *A Study of the Tribe Poliantheae (Including Manfreda) & Revision of Manfreda & Prochnyanthes (Agavaceae)* Ithaca, NY; 405p; (PhD thesis);
desc *species*:
(Manfreda) **chamelensis** [w EJ Lott] (Jalisco) 1991 —> **Agave chamelensis** by J Thiede & U Eggli 1999,
(Manfreda) **longibracteata** (Michoacan) 1978 —> **Agave longibracteata** by J Thiede & U Eggli 1999,
(Manfreda) **sileri** (Tamaulipas, Texas) 1978 (disc by AM Siler & nah) —> **Agave sileri** by J Thiede & U Eggli 1999,
(Polianthes) **howardii** (Jalisco, Colima) 1976 (na TM Howard) —> **Agave howardii** by J Thiede & U Eggli 1999.

Verhoeven, Adrian A; {Verh.}; Wageningen, Netherlands;
desc *species*:
(Raphionacme) **elsana*** (Natal) 1987 (disc by Elsa Pooley & nah),

(Raphionacme) **haeneliae*** (Namibia) 1996 (disc by C Hanel & nah),
(Raphionacme) **lobulata*** (Eastern Cape) 1988,
(Raphionacme) **namibiana*** (Namibia) 1986,
(Raphionacme) **palustris*** (Natal) 1986,
(Raphionacme) **pulchella*** (Mozambique, Zimbabwe) 1986,
(Raphionacme) **sylvicola*** (Zambia) 1986;
transfer *species*:
"Raphionacme abyssinica" (E Chiovenda 1939) —> **Schlechterella abyssinica*** 1999.
*w HJT Venter

Verity, David S (1930–); {Verity}; US horticulturist, entomologist; curator at Univ of Calif Hannah Carter Japanese Garden, Los Angeles, Calif; collected in US; spouse Sue Verity;
***species* nah:**
(Dudleya) **verityi** (Calif) (desc & nah by KM Nakai 1983 & disc by RV Moran 1944);
desc *subsp*:
(Dudleya cymosa ssp) **crebrifolia** [w KM Nakai] (Calif) 1988.

Vermeulen, Nico JM (5 Oct 1951–); Dutch journalist & photographer; collector & hobbyist;
Book [1998] *Cacti (Everything you Need to Know About Cactus...)* Lisse, Netherlands; Eng; 144p.

†**Verschaffelt**, **Ambrose** Colette Alexandre (11 Dec 1825–16 May 1886); {Verschaff.}; Belgian horticulturist; owner of nursery 'Verschaffelt's' founded by his father Alexandre 1825; founder of periodical 'Illustration Horticole' 1854–1869; specialized in camellias;
***species* nah:**
(Opuntia) **verschaffeltii** (Bolivia, Argentina) (desc & nah by FAC Weber 1898) —> **Austrocylindropuntia verschaffeltii** by C Backeberg 1939.

Vesco, Lynn;
Book [1985] *C&S: A Collection of Watercolours* [w J MacNaught] Aberdeen; Eng; 45p of watercolor drawings.

†**Vesey-FitzGerald**, Leslie **Desmond** Edward Foster (7 Jun 1910–3 May 1974); British entomologist, ecologist & conservationist; principal scientific officer w International Red Locust Control Services, Abercorn, Zambia; collected in Oman 1943, Arabia 1944–46, Zambia 1957 & Tropical Africa 1960, part of time w MAE Richards 1960~;
spouse Roslainda Octavia [née Dungoyne] Vesey-FitzGerald;
disc *species*:
(Aloe) **veseyi** (Tanzania, Zambia) 1957 (desc & nah by GW Reynolds 1959).

†**Vest**, (Prof) (Dr med) Lorenz Chrysanth von (18 Nov 1776–15 Dec 1840); {Vest}; Austrian physician, chemist & botanist; MD at Freiburg Univ 1798; prof of botany & chemistry at Johanneum, Graz 1812; spouse Lyceum [née Klagenfurter] Vest;
desc *species*:
(Mesemb) **coralliforme** 1828.

Veste, (Dr) Maik;
Book [2004] *Biodiversity & Ecology, Vol 2* [w J Thiede, N Jurgens & D Metzing]; Eng/Ger; 250p; (includes articles on Mesembs & Stapeliads).

Vetter Sauchyn, [née Vetter,] (Dr) Mary Alice (22 Aug 1951-); US botanist; PhD at Duke Univ, Durham, N Carolina 1981;
spouse David John Sauchyn (8 Aug 1952-);

Book [1981] *The Physiological Ecology of Sedum lanceolatum in the Colorado Front Range* Durham; Eng; 250p (PhD thesis).

Veverka, M;
Book [1992] *Spolku Pestitelu Kaktusu a Sukulentu Praha* [w R Dudek] Praha; 80p.

Vich, Jeroslav; Czech Rep cactus grower;
Book [1985] *Notokaktusy (Legendy, Omyly, Skutecnost)* Karlovy Vary; 53p.

Victor, Janine E (fl. 1998); {J.E.Victor};
desc *species*:
(Ceropegia) **craibii** (Natal) 2001.

†**Victoria**, Alexandrina (24 May 1819–22 Jan 1901); Queen Victoria of UK 1837~; first Empress of India 1876~; spouse Prince Albert of Saxe-Coburg & Gotha (26 Aug 1819–14 Dec 1861);
***species* nah:**
(Agave) **victoriae-reginae** (Nuevo Leon, Coahuila, Durango) (desc & nah by T Moore 1875).

†**Vidal**, [Vidal y Soler,] Sebastian (1 Apr 1842–28 Jul 1889); {S.Vidal}; Spanish forest engineer w degree 1865 & botanist; prof at Villaviciosa, Spain 1868–71; to Philippines as dir of bot garden of Manila 1871~; explored many of 7,000 islands of Philippine archipelago;
***species* nah:**
(Dischidia) **vidalii** (Philippines) (desc & nah by O Beccari 1886).

†**Viedt**, Georg (12 May 1904–4 Oct 1996); Ger horticulturist;
Book [1977] *Kakteen und andere Schone Sukkulenten* = "Kakteen & Other Beautiful

Sukkulenten" [w C Grunert & H-G Kaufmann] Berlin, Ger; Ger; 351p,

[1979] *Kaktusy a Iné Sukulenty* [w C Grunert & H-G Kaufmann] Piroda, Bratislava, Czech Rep; Czech translation of 1977 Ger book; 320p w 73 color photos.

†**Viereck**, Hans-Wilhelm (12 Oct 1903–6 Dec 1946); Ger botanist; to Jaumave, Mex 1920; collected plants in Mex for Haage's nursery 1930~; pupil of H Baum;
species **nah:**

(Echinocactus) **viereckii** (Tamaulipas, Nuevo Leon) (desc & nah by E Werdermann 1931) —> **Turbinicarpus viereckii** by V John & J Riha 1983,

(Echinocereus) **viereckii** (Tamaulipas) (desc & nah by Werdermann 1934);

disc *species*:

(Ariocarpus) **strobiliformis** (Nuevo Leon, Tamaulipas) c1927 (desc by E Werdermann 1927) —> **Pelecyphora strobiliformis** by KG Kreuzinger 1935,

(Coryphantha) **vogtherriana** (San Luis Potosi) 1931(desc by E Werdermann & F Boedeker 1932 & na H Vogtherr),

(Mamm) **surculosa** (Tamaulipas, San Luis Potosi) 1928 (desc by F Boedeker 1931).

†**Vierhapper**, (Dr) **Friedrich** [Fritz] Karl Max (7 Mar 1876–11 Jul 1932); {Vierh.}; Austrian botanist; PhD at Vienna Univ 1899; worked at bot dept of Hochschule für Bodenhultur, Vienna 1888–1900; lecturer on botany at Veterinary College, Vienna 1915~ & prof of systematic botany 1919~; specialist on flora of eastern Alps;

desc *species*:

(Adenium) **socotranum** (Socotra) 1904 —> **Adenium obesum** ssp **socotranum** by JJ Lavranos 1966,

(Caralluma) **rosengrenii** (Socotra) 1905 (disc by S Paulay 1899 & na H Rosengren);

desc *subsp*:

(Sedum rubens ssp) **delicum** (Greece) 1919 —> **Sedum eriocarpum** ssp **delicum** by H 't Hart 1996.

†**Vigne**, Chidlow (1900-1948); British botanist;

disc *species*:

(Cotyledon) **pygmaea** (Western Cape) (desc by WF Barker 1930) —> **Tylecodon pygmaeus** by HR Tolken 1978,

(Raphionacme) **vignei** (Guinea Bissau, Chad, Guinea, Ghana, Ivory Coast) (desc & nah by EA Bruce 1936).

Vigo Bonada, Josep (1937–); {Vigo}; Spainish botanist;

transfer *species*:

"Sedum moroderi" (C y E Pau 1934) —> **Sedum dasyphyllum** var **moroderi** [w O Bolos] 1984.

†**Viguier**, **René** [Adrien-Léon-Jules] (18 May 1880–17 Jan 1931); {R.Vig.}; French botanist; dir of Caen municipal garden, France 1919–31; collected in Mada 1912 w J-H Humbert;

***species* nah:**

(Kalanchoe) **viguieri** (Mada) (desc & nah by Raymond-Hamet & JMH Perrier de la Bathie 1914);

desc *species*:

(Poinciana) **decaryi** (Mada) 1949 (na R Decary) —> **Delonix decaryi** by RPR Capuron 1968,

(Poinciana) **leucantha** (Mada) 1949 —> **Delonix leucantha** by DJ Du Puy, PB Phillipson & R Rabevohitra 1995,

(Poinciana) **tomentosa** (Mada) 1949 —> **Delonix tomentosa** by RPR Capuron 1968;

***variety* nah:**

(Sedum adenotrichum var) **viguieri** (Afghanistan, Pakistan into central Asia) (desc & nah by Raymond-Hamet 1929) —> **Rosularia adenotricha** ssp **viguieri** by C-A Jansson 1970.

Vilardebo, Anselme;

Book [2003] *Le Genre Melocactus Link & Otto dans la Région Caraïbe (Succulentes Spécial* [w B Antesberger & G Delanoy] Monaco Cedex, Monaco; French; 38p; (Melocactus in the Caribbean area),

[2007] *Melocacti of Cuba* [w Z Rigerszki, G Delanoy & E Ujreti] Tradate, Italy; Italian or Eng versions; 1740p w 265 color photos.

†**Villada**, (Prof) (Dr med) Manuel Maria (26 May 1841–22 Mar 1922); Mex physician, botanist, naturalist, geologist, zoologist & mineralogist; MD at National Medican School, Mex City1864; prof at College of Agriculture & Natl Preparatory School 1868;

***genus* nah:**

Villadia (Texas, Chihuahua to Chiapas, Guatemala, Peru) (desc & nah by JN Rose 1903).

Villarreal, [Villarreal-Quintanilla,] José Angel (1956–); {Villarreal}; Mex;

desc *species*:

(Agave) **montana** (Nuevo Leon) 1996.

†**Villars**, [Vilars,] (Dr med) Domínique [Dominica] (14 Nov 1745–26 Jun 1814); {Vill.}; French physician & botanist; MD in Valencia 1778;

desc *species*:

(Sedum) **alpestre** (mtns of central & s Europe) 1779.

†**Villet**, (Dr) ACT (fl 1936–56); Worcester, RSA; collected succ w spouse M Villet;

***species* nah:**

(Stomatium) **villetii** (Western Cape) (desc & nah by HML Bolus 1938);

disc *species*:

(Conophytum) **concordans** (Cape) 1937 (desc by GD Rowley 1978),

(Lithops) **villetii** (Little Namaq) 1938 (desc & nah by HML Bolus 1950);

disc *variety*:
(Caralluma longipes var) **villetii** (Cape) 1934 (desc & nah by CA Luckhoff 1938)
—> **Pectinaria longipes** ssp **villetii** by PV Bruyns 2005.

†**Villet**, Elizabeth Maria 'Lilla' (1903–1975); RSA; collected succ w spouse ACT Villet;
***species* nah:**
(Ruschia) **mariae** (Eastern Cape) (desc & nah by HML Bolus 1937),
(Stapelia) **villetiae** (Northern Cape) (desc & nah by CA Luckhoff 1938 & disc by EM Villet ≈1938).

†**Villiers**, HL de (fl. 1932–59);
***species* nah:**
(Erepsia) **villiersii** (Western Cape) (desc & nah by HML Bolus 1960),
(Mesemb) **villiersii** (Western Cape) (desc & nah by HML Bolus 1935) —> **Lampranthus villiersii** by HML Bolus 1939.

Villiers Pienaar, (Dr) Uys de (12 Aug 1930–); RSA biologist;
PhD on Haematology of S African Reptiles at Witwatersrand Univ 1954; biologist, chief research officer, dir & then chief warden at Kruger Natl Park, RSA, 1955–87; Chief Dir of Natl Parks in Pretoria, RSA 1987–91; became interested in Mesembs upon retirement in 1991;
Book [2000] *Vygies, Gems of the Veld* [w EJ van Jaarsveld] Italy; Italian & Eng; 240p.
[2004] *Aizoaceae* [w EJ van Jaarsveld] Stuttgart, Ger; Ger/French;
240p w color photos each p;
***species* nah:**
(Malephora) **pienaarii** (Western Cape) 1997 (desc & nah by EJ van Jaarsveld 2001).

†**Vilmorin**, Auguste Louis **Maurice** Lévêque de (26 Feb 1849–21 Apr 1918); {M.Vilm.}; French botanist, dendrologist & sylviculturist;
***species* nah:**
(Agave) **vilmoriniana** (Mex) (desc & nah by A Berger 1913).

Vincett, [née Lipscombe,] Betty A;
Book [1984] *Golden Days in the Desert Wild Flowers of Saudi Arabia*; Eng;
176p w 120 color plates.

†**Vindt**, (Dr) Jacques (1915–1993); {Vindt}; French botanist & phytogeologist; PhD in botany at Univ of Toulouse, France; botanist at Institut Scientifique Chérifien, Rabat, Morocco; collected in Morocco 1945–53;
Book [1953–60] *Monographie des Euphorbiacees du Maroc* Tangiers, Morocco; French;
(in 2 Vols);
Vol 1; 540p; Vol 2; 544p.

†**Vinson**, Albert Earl (24 Mar 1873–24 Apr 1938); US agricultural chemist at

Univ of Arizona Agriculture Experiment Station;
Book [1911] *Native Cacti as Emergency Forage Plants* [w JJ Thornber] Tucson, Arizona; Eng.

Viossat, Alexandre; French lepidopterist living in Reunion Island;
plant breeder of Aloes;
disc *species*:
(Aloe) **alexandrei** (Comoro Islands) 2000 (desc & nah by A Ellert 2006).

†**Virchow**, (Prof) (Dr med) Rudolf Ludwig Karl [Carl]
(13 Oct 1821–5 Sep 1902); Ger physician, pathologist, anthropologist, biologist, prehistorian & politician; MD at military academy of Prussia 1843; prof at Univ of Würzburg, Bavaria, Ger 1849–56; prof of pathological anatomy & dir of Pathological Institute, Berlin Univ 1856~; founder of cellular pathology 1858 by showing that cells are derived from pre-existing cells proving that continuity exists between past & present living things; prolific writer; founded soc for anthropology, ethnology & prehistory; prolific writer;
Royal Soc of London member 1884; awarded Copley Medal 1892;
***species* nah:**
(Echidnopsis) **virchowii** (Somalia) (desc & nah by KM Schumann 1893 & disc by JM Hildebrandt c1880).

Visco, Lynn;
Book [1985] *C&S: A Collection of Watercolours* [w J MacNaught] Aberdeen, Scotland; Eng; 45p of watercolor drawings.

†**Visiani**, (Prof) (Dr med) Roberto de (9 Apr 1800–4 May 1878); {Vis.}; Italian botanist & physician; MD at Padue Univ 1822; prof & dir of bot garden at Padue Univ 1836–78;
desc *species*:
(Trianthema) **sedifolia** (Egypt) 1836.

Viugina, Nadezhda Georgievna; Russian;
Book [1977] *V Mire Kaktusov* = "In the World of Cacti" [w RA Udalova] Leningrad, Russia; Russian; 136p.

Viveros, Juan Luis;
Book [1994] *Etnobotánica Mixteca : Sociedad, Cultura y Recursos Naturales en la Montaña de Guerrero* = "Etnobotánica Mixteca : Natural Soc, Culture & Resources in the Mountain of Guerrero, Mex" [w A Casas & J Caballero] Mex City; Spanish; 366p.

†**Viviani**, Domenico (29 Jul 1772–15 Feb 1840); {Viv.}; Italian botanist;
prof of botany & natural history at Atheneum 1803–37; founder of Genova bot garden;
desc *species*:

(Sedum) **bracteatum** (Libya) 1824,
(Tillaea) **alata** (Greece, Cyprus to India, ne Africa to Sudan) 1830 —> **Crassula alata** by A Berger 1930.

Vlk, Vítězslav (fl. 1997); {V.Vlk}; Czech Rep; collected in Ethiopia w interest in Euphorbia species;
desc *species*:
(Euphorbia) **charleswilsoniana** (Ethiopia) 1997 (na Charles Wilson).

Vlok, (Mr) Johannes [**Jan**] Hendrik Jacobus (6 Dec 1957–); {Vlok}; RSA fynbos geophyte biologist & fire ecologist; senior forestry research technician at Saasveld 1982-97; freelance advisor in Oudishoorn 1998~; collected in s Cape; spouse AL Schutte-Vlok;
Book [2010] *Plants of the Klein Karoo* [w AL Schutte-Vlok] Hatfield, RSA;

568p: (w a CD inside back cover & w many color photos);
***genus* nah:**
Vlokia (Western Cape) (desc & nah by SA Hammer 1994);
***species* nah:**
(Haworthia) **vlokii** (Western Cape) (desc & nah by B Bayer 1999);
disc *species*:
(Gasteria) **vlokii** (Western Cape) 1984 (desc & nah by EJ van Jaarsveld 1987),
(Vlokia) **ater** (Western Cape) 1990 (desc by SA Hammer 1994).

†**Vochting**, [Vöchting, Voechting,] (Dr) Hermann (8 Feb 1847–24 Nov 1917); Ger botanist & morphologist; PhD at Gottingen Univ 1873; prof of botany at Bonn 1877, at Basel 1878–1887 & at Turbingen 1887~;
Book [1873] *Beitrage zur Morphologie und Anatomie der Rhipsalideen* Berlin, Ger; Ger; 36p; (reprint 1995 w 42p).

†**Vogel**, (Prof) (Dr med) Benedict Christian (24 Apr 1745–8 Jun 1825); Ger physician & botanist; prof at Univ of Altorf, near Nüremberg, Ger;
Book [1800] *Uber die Amerikanische Agave und Besonders Diejenige Welche im Sommer 1798 im Botanischen Garten zu Altdorf Geblühet und Auch Früchte Angesetzt Hat* Nurnberg; 77p.

Vogel, Théodore;
Book [1993] *Mexique (l'Homme et l'Agave)* [w S Hargous] Paris, France; 142p.

†**Vogtherr**, Hans (fl. 1932); Ger; cactus hobbyist in Berlin;
***species* nah:**
(Coryphantha) **vogtherriana** (San Luis Potosi) (desc & nah by E Werdermann & F Boedeker 1932 & disc by H-W Viereck 1931).

†**Vogts**, Louis R; RSA administrator; succ grower near Pretoria, RSA;
species **nah:**
(Delosperma) **vogtsii** (Transvaal) (desc & nah by HML Bolus 1931);
disc *species*:
(Aloe) **vogtsii** (Limpopo) (desc & nah by GW Reynolds 1936).

†**Vogts**, [née Neethling,] (Dr) Marie Murray (7 Feb 1908–1998); RSA teacher, botanist & Protea specialist; PhD at Stellenbosch Univ 1971; collected in sw Cape; spouse Bernard C Vogts;
species **nah:**
(Mesemb) **neethlingiae** (Western Cape) (desc & nah by HML Bolus 1927) —> **Delosperma neethlingiae** by MHG Schwantes 1927.

†**Volk**, (Prof) (Dr) Otto Heinrich (6 Dec 1903–28 Jan 2000); {O.H.Volk}; Ger botanist & plant geographer; PhD at Heidelberg Univ 1930; prof of pharmacognosy at Wurzburg Univ, Ger 1930~; collected in Namibia 1937–44, 1956, 1963 & 1968 & in Australia; interested in medicinal plants;
Book [1938] *Mesembryanthemaceae* [w H Jacobsen & AGJ Herre] Stuttgart, Ger; Ger; 128p;
species **nah:**
(Lithops pseudotruncatella var) **volkii** (Namibia) (desc & nah by HW de Boer & BK Boom 1961) —> **Lithops pseudotruncatella** ssp **volkii** by DT Cole 1988;
transfer *species*:
"Agnirictus lesliei" (MHG Schwantes 1930) —> **Stomatium lesliei** 1955.

†**Volkart**, George (–≈1937); Winterthur, Switzerland; friend of J Gossweiler;
species **nah:**
(Huernia) **volkartii** (Angola, Namibia, Zimbabwe, Mozambique) (desc & nah by E Werdermann & A Peitscher 1936 & disc by J Gossweiler ≈1935).

†**Volkens**, (Dr) Georg Ludwig August (13 Jul 1855–10 Jan 1917); {Volkens}; Ger botanist; PhD at Berlin Univ 1882; explored in Egyptian-Arab desert 1884–85 & at Kilimanjaro 1892–94; curator at Berlin bot museum 1898–17; explored Caroline Islands, Bogor & Java 1899–1902; lecturer at Gardener's School in Dahlem 1903~;
species **nah:**
(Adenia) **volkensii** (Tanzania, Kenya) (desc & nah by HAT Harms 1895),
(Crassula) **volkensii** (Tanzania, Kenya) (desc & nah by HGA Engler 1895),
(Euphorbia) **neovokensii** (Kenya, Tanzania, Zanzibar, Pemba) (desc & nah by FA Pax 1904) —> **Euphorbia nyikae** var **neovolkensii** by S Carter 1987,
(Sansevieria) **volkensii** (Tanzania, Kenya) (desc & nah by RLA Gurke 1895),
(Synadenium) **volkensii** (desc & nah by FA Pax 1895);
disc *species*:
(Aloe) **deserti** (Tanzania, Kenya) 1894 (desc by A Berger 1905),

(Aloe) **secundiflora** (Ethiopia, Kenya, Rwanda, Tanzania) 1893 (desc by HGA Engler 1895),
(Aloe) **volkensii** (Tanzania, Kenya) 1893 (desc & nah by HGA Engler 1895),
(Euphorbia) **heterochroma** (Tanzania) c1890 (desc by FA Pax 1895),
(Euphorbia) **nyikae** (Kenya, Tanzania) c1893 (desc by FA Pax 1895);

desc *species*:

(Euphorbia) **quinquecostata** (Kenya, Tanzania) 1899 (disc by him),
(Trianthema) **ceratosepala** [w E Irmscher] (Kenya, Tanzania) 1913,
(Trianthema) **sanguinea** [w E Irmscher] (Kenya, Tanzania) 1912.

†**Volkmann**, (Miss) Margareta; Namibia;

***species* nah:**

(Euphorbia) **volkmanniae** (Namibia) (desc & nah by MK Dinter 1928 & disc by MK Dinter c1926).

†**Voll**, Otto (1884–1958); {Voll}; Ger-Brazilian gardener;

desc *species*:

(Arthrocereus) **rondonianus** [w C Backeberg] (Minas Gerais) 1943 (na CM da Silva Rondon),
(Brasilicereus) **markgrafii** [w C Backeberg] (Minas Gerais) 1950 (na F Markgraf),
(Lepismium) **cereoides** [w C Backeberg] (Brazil) 1936 (disc by O Voll & AC Brade 1936) —> **Rhipsalis cereoides** by C Backeberg 1937-38,
(Parodia) **alacriportana** [w C Backeberg] (Rio Grande do Sul, Santa Catarina) 1950 (disc by H Berger 1939),
(Parodia) **gummifera** [w C Backeberg] (Minas Gerais) 1950 (disc by HL de Mello-Barreto 1938) —> **Uebelmannia gummifera** by AFH Buining 1967,
(Pilosocereus) **bradei** [w C Backeberg] (Minas Gerais) 1942 (disc by AC Brade & nah) —> **Cipocereus bradei** by DC Zappi & NP Taylor 1991).

Vollesen, (Dr) Kaj Børge (1946–); {Vollesen}; Danish botanist; PhD in botany at Univ of Copenhagen, Netherlands 1981; botanist at Ministry of Natural Resources, Tanzania 1975–78 & at Kew 1981~, working on Flora of Ethiopia project 1981–86; explored in Ethiopia, Kenya, Somalia & Tanzania;

***species* nah:**

(Cyphostemma) **vollesenii** (desc & nah by B Verdcourt 1993);

desc *species*:

(Cyphostemma) **boranense** (Ethiopia) 1984,
(Cyphostemma) **burgeri** (Ethiopia) 1984,
(Cyphostemma) **pannosum** (Ethiopia) 1984,
(Dorstenia) **annua** [w LB Friis] (Sudan, Kenya) 1982;

transfer *species*:

"Cissus betaeformis" (E Chiovenda 1916) —> **Cyphostemma betiforme** 1984.

Volponi, Carola Regina;

disc *species*:

(Pterocactus) **megliolii** (Argentina) 1971 (desc & nah by R Kiesling 1971 & na S Meglioli).

†**Voroschilov**, Vladimir Nikolaevich (2 Sep 1908–6 Sep 1999); { Vorosch.}; Russian botanist;
desc *species*:
(Sedum) **paradoxum** [w AP Khokhrjakov] (Siberia) 1970 —> **Orostachys paradoxa** by SK Czerepanov 1995,
(Sedum) **sichotense** (far east Russia) 1961 —> **Phedimus sichotensis** by H 't Hart 1995.

Vorster, (Dr) Pieter [**Piet**] Johannes (12 Aug 1945–); {Vorst.}; RSA botanist; DSc at Pretoria Univ 1979; on staff at Natl Herbarium, Bot Research Institute, Pretoria 1967–79 & at Stellenbosch Univ, RSA 1979~;
Book [1981–88] Vols 2 & 3 of *Pelargoniums of Southern Africa* [w JJA van der Walt] Cape Town, RSA; Eng;
desc *species*:
(Pelargonium) **desertorum** (Northern Cape) 1986,
(Pelargonium) **exhibens** (Eastern Cape) 1986,
(Pelargonium) **mutans** (Natal) 1992,
(Pelargonium) **redactum** (Namibia, Northern Cape) 1996,
(Pelargonium) **ternifolium** (Western Cape) 1981,
(Pelargonium) **tongaense** (Natal) 1983;
transfer *species*:
"Pelargonium ovatostipulatum" (RGP Knuth 1912) —> **Pelargonium stupulaceum** ssp **ovatostipulatum** 1981.

†**Vorwerk**, Wilhelm (1873–1936); Ger horticulturist; inspector & technical dir of bot garden, Berlin;
Book [1928] *Praktischer Leitfaden fur Anzucht und Pflege der Kakteen und Anderer Sukkulenten* [w WO Rother] Frankfurt; 216p;
***species* nah:**
(Neowerdermannia) **vorwerkii** (Argentina, Bolivia) (desc & nah by AV Fric 1930).

†**Vos**, Andre de;
Book [1887] *Index Bibliographique de l'Hortius Belgicus* [w CJE Morren] Brussels, Belgium; 617p; (includes references to c&s).

†**Vos**, (Prof) (Dr) Miriam Phoebe de (26 Nov 1912–2005); {M.P. de Vos}; RSA botanist; DSc at Stellenbosch Univ 1940; lecturer & prof at Sellenbosch Univ 1939~;
interested in cytotaxonomy & embryology, especially on Iridaceae;
Book [1947] *Cytological Studies in Genera of the Mesemb* Cape Town, RSA; Eng; 26p.

Vosjoli, Philippe de; US herpetoculturist and author of many animal care books; grower of succ plants since 1983; spouse Gigi de Vosjoli;
Book [2004] *Pachyforms: A Guide to Growing Caudiciform & Pachycaul Plants* Vista, Calif; Eng; 319p w 392 color photos,
[2007] *Pachyforms II: Bonsai Succulents* [w R Lime]; Eng;387p w 500 color photos.

†**Voss**, Harold;
disc *species*:
(Aloe) **vossii** (Limpopo) 1930 (desc & nah by GW Reynolds 1936).

†**Vriese**, (Prof) (Dr med) Willem Hendrik de (11 Aug 1806–23 Jan 1862); {de Vriese}; Dutch botanist & physician; MD at Leiden Medical School 1831; prof of botany at Univ of Amsterdam 1834–45; prof of botany & dir of bot garden at Leiden Univ 1845~;
explored in Dutch East Indies 1857–61;
Book [1838] *Tijdschrift Natuurlijke Gesch* Amsterdam, Netherlands,
[1847] *Voorloopige Mededeeling Omtrent Eene Bloeijende Agave americana L. (Dusgenaamde Honderdjarige Aloe), in den Kruidtuin der Leidsche Hoogeschool* Leiden, Netherlands; 25p.

Vuckovic, [Vučković,] Jovica; Serbian Yugoslav horticulturist at Svilajnac; founding member of Cactus Soc of Yugoslavia;
Book [2005] *Index Svilajensis* Svilajnac; Surbian; 767p; (dictionary of over 30,000 cactus names & synonymy pub before 2000).

Vural, (Prof) (Dr) Mecit (fl. 1983);Turkish biologist:
prof of biology at Gazi Univ, Ankara, Turkey;
desc *species*:
(Sedum) **cilicicum** [w K Tan] (Turkey) 1984.

Vyugina, NG;

Book [1983] *W miri kaktusov* [w PA Udalowa] Moscow, Russia; Russian; 133p.

†**Vyver**, (Mr) & (Mrs) J van der;
disc *species*:
(Euphorbia) **zoutpansbergensis** [w FZ van der Merwe] (Limpopo) 1937 (desc by RA Dyer 1938).

W

Wabuyele, (Dr) Emily Nasike (17 Aug 1971–); {Wabuyele}; Kenyan plant taxonomist; BSc degree from Kenyatta Univ, Nairobi, Kenya & MSc from Addis Ababa Univ, Ethiopia w

thesis on Aloes; PhD w thesis 'Studies on Eastern African Aloes: Aspects of Taxonomy, Conservation & Ethnobotany' at Univ of Oslo, Norway 2006; employed at National Museums of Kenya, Nairobi 1995-2014; lecturer at Kenyatta, Univ 2014~; explored in Kenya 1995~, Ethiopia 1999–2000 & Tanzania 2004;
desc *species*:
(Aloe) **nordaliae** (Tanzania) 2006 (disc by E Wabuyele 2004 & na I Nordal);
transfer *species*:
"Aloe tugenensis" (LE Newton & JJ Lavranos 1990) —> **Aloe archeri** ssp **tugenensis** 2006,
"Aloe tweediae" (HB Christian 1942) —> **Aloe secundiflora** var **tweediae** 2006.
"Aloe wollastonii" (AB Rendle 1918) —> **Aloe macrocarpa** ssp **wollastonii** 2006;
transfer *variety*:
"Aloe secundiflora var sobolifera" (S Carter 1994) —> **Aloe sobolifera** 2006.

Waddell, (Dr) Jack O (1933–); US anthropologist; PhD at Univ of Arizona 1956;
Book [1973] *The Place of the Cactus Wine Ritual in the Papago Indian Ecosystem* Chicago, Illinois; Eng; 12p; (saguaro wine feast among Papagoes).

†**Wadhwa**, Brij Mohan (1933–2009); {Wadhwa}; India;
desc *species*:
(Ceropegia) **santapaui** [w MY Ansari] (India) 1968.

Wagenaar, [Wagenaar Hummelinck,] P — See **Hummelinck**, Pieter Wagenaar.

Wagenknecht, Rodolfo (fl. 1955); {Wagenkn.}; Ger to Chile;
collected in Chile;
***species* nah:**
(Neoporteria) **wagenknechtii** (Chile) (desc & nah by F Ritter 1963) —> **Eriosyce subgibbosa** ssp **wagenknechtii** by F Kattermann 2001;
transfer *species*:
"Echinocactus leucotrichus" (R Phillipi 1891) —> **Oreocereus leucotrichus** 1956.

Wagner, (Dr) Donald Russell (26 May 1972–); US organic chemist, musician & horticulturist; PhD in physical chemistry at Univ of Calif, Berkeley 2001; member of San Francisco C&SS 1996~ & editor 2002; explored in Big Bend (Texas), Baja Calif & s Arizona; editor of CSSA *C&S Journal* 2003–09; managing editor of CSSA yearbook *Haseltonia* (#9) 2002–09;
disc *species*:
(Conophytum) **pium** (Western Cape) 2003 (desc by SA Hammer 2009).

†**Wagner**, (Dr) Eduard (1864–); {E.Wagner}; PhD at Univ of Göttingen, Ger;
Book [1887] *Ueber das Vorkommen und Die Vertheilung des Gerbstoffs Bei den Crassulaceen* Kassel, Ger; Ger; 44p; (PhD thesis).

†**Wagner**, (Dr) Günter;
Book [1932] *Entwicklung und Verbreitung des Peyote-Kultes – Baessler-Arch*; 82p; (PhD thesis).

†**Wagner**, Hermann; Ger in Ludwigsburg; cactus collector;
***species* nah:**
(Mamm) **wagneriana** (Zacatecas) (desc & nah by F Boedeker 1932 & disc by J Moeller).

†**Wagner**, Klaus (1935–1987); {K.Wagner}; chairman of East Ger Cactus Soc;
desc *species*:
(Mamm) **haudeana** [w AB Lau] (Sonora) 1978 (na M Haude) —> **Mamm saboae** ssp **haudeana** DR Hunt 1998.

Wagner, Mathilde; Cadereyta, Queretaro, Mex; founded w family 'La Quinta Schmoll' cacti garden nursery in Mex; spouse Willie Wagner (nephew of F Schmoll);
disc *species*:
(Mamm) **mathildae** (Queretaro) (desc & nah by F Kraehenbuehl & H Krainz 1973).

Wagner, Ronald Marshall;
Book [1974] *Western Navajo Peyotism (A Case Analysis)*; 434p.

†**Wagner**, (Dr) Rudolf (1872–1938); {R.Wagner}; Ger botanist; PhD at Strassburg Univ 1895; worked at Institute for Plant Physiology, Munchen 1896–98, at Bot Institute, Heidelberg 1898–99, at Karlsruhe 1894–1900, w R von Wettstein 1900–01, at Vienna bot garden 1901–03 & at International Wissenschaftliche Bibliographie, Vienna 1903–15;
desc *species*:
(Aizoon) **kochii** (South Australia) 1904 (disc by M Koch & nah) —> **Gunniopsis kochii** by RJ Chinnock 1983.

Wahl, Rainer; IOS member 1995;
Book [1989] *Lobivia 1989* Limburg, Ger; Ger; 83p.

†**Wakefield**, Thomas (23 Jun 1836–14 Dec 1901); British missionary, amateur naturalist & geographer; to Kenya 1861–88; collected plants along Kenya coastal areas;
***species* nah:**
(Euphorbia) **wakefieldii** (Kenya, Tanzania) (desc & nah by NE Brown 1912).

†**Waldheim**, (Dr) Alexander Alexandrovitch Fischer von (8 Apr 1839–1920); Russian botanist; dir of imperial bot garden at St. Petersburg, Russia;
***species* nah:**
(Kalanchoe) **waldheimii** (Mada) (desc & nah by Raymond-Hamet & JMH Perrier de la Bathie 1915).

†**Waldschmiedt**, (Dr med) Wilhelm Ulrich (1669–1731); Ger physician;
Book [1705] *Kurtze und Grundliche Beschreibung Derer Aloen (Agave)* Kiel; 36p,
[1706] *Americanischer zu Gottorff Bluhender Aloen Fernere Beschreibung (Agave)* Kiel; 36p.

†**Wale**, (Dr med) Royden Samuel (22 Dec 1906–21 Nov 1952); {Wale}; British botanist; MD in pathology at King's College School, Wimbledon 1931; Physician in pathology at Royal Cancer Hospital 1935; FLS 1936; collected in Balkans;
desc *species*:
(Sempervivum) **ballsii** (Greece) 1940 (na EK Balls) —> **Sempervivum marmoreum** ssp **ballsii** by BJM Zonneveld 1999,
(Sempervivum) **borissovae** (Georgia A) 1942 (na A Borissova),
(Sempervivum) **ingwersenii** (Caucasia) 1942,
(Sempervivum) **ossetiense** (Georgia A) 1942.

†**Walgate**, [later McNae or Macnae,] Marion Meason (1914–); {Walg.}; Eng botanist; to RSA 1920; MSc at Cape Town Univ 1936; lecturer of botany at Cape Town Univ 1943–49; worked as assistant in Moss Herbarium ?–1970;
***species* nah:**
(Lampranthus) **walgateae** (Western Cape) (desc & nah by HML Bolus 1939);
desc *species*:
(Juttadinteria) **attenuata** (Namaq) 1939;
transfer *species*:
"Juttadinteria proxima" (HML Bolus 1927) —> **Dracophilus proximus** 1939,
"Mesemb dealbatum" (NE Brown 1922) —> **Dracophilus dealbatus** 1939,
"Mesemb pomonae" (MK Dinter 1923) —> **Namibia pomonae** 1939.

Walker, (Dr) Colin Charles (22 Dec 1952–); {C.C.Walker}; British biochemist & microbiologist; joined NCSS 1968; PhD in microbial biochemistry at Univ of Sussex, Eng 1980; lecturer in biological sciences at Open Univ, Milton Keynes, Eng 1982~; interested in history & bibliography of succ plants; has large library of succ plant literature; editor of *Asklepios*, journal of International Asclepiad Soc 1978-82; editor [w NP Taylor] of BCSS yearbook *Bradleya* 1987–90 & sole editor 2001-2012; RHM 2002; explored in Canary Islands, Morocco & Amer;
BCSS Fellow award 2009 & Pres 2013~; CSSA Fellow award 2013; spouse Marjorie Thorburn;
Book [1995] *Catalogue of the Botanical Library of Colin C. Walker* Milton Keynes, Eng; Eng; 28p,
[2011] *Aloes: The Definitive Guide* [w S Carter, LE Newton, JJ Lavranos] Kew, Eng; Eng; 719p;
desc *species*:
(Brachystelma) **mortonii** (Ghana, Ivory Coast) 1981 (na JK Morton).

†**Walker-Arnott**, George Arnott (6 Feb 1799–17 Apr 1868); {Arn.}; Scottish botanist; worked w WJ Hooker at Glasgow Univ, Scotland 1830–40; prof of botany at Glasgow Univ & dir of Glasgow Bot Gardens 1845~; FLS 1825;

spouse Mary Hay [née Barlay] Walker-Arnott;
desc *genera*:
Apodanthera (sw US, Mex, Brazil) 1841,
Boucerosia [w R Wight] 1834 (syn of Caralluma R.BROWN),
Coccinia [w R Wight] (Africa) 1834,
Erythrophysa (Mada, RSA) 1841;
***species* nah:**
(Ceropegia) **arnottiana** (Myanmar, India, Thailand) (desc & nah by R Wight 1834);
desc *species*:
(Calandrinia) **picta** (Argentina, Chile) 1831 —> **Cistanthe picta** by MA Hershkovitz 1991,
(Ceropegia) **hirsuta** [w R Wight] (India) 1834,
(Ceropegia) **pusilla** [w R Wight] (India) 1834,
(Convolvulus) **filifolius** [w WJ Hooker] (Chile) 1830 —> **Nolana filifolia** by IM Johnston 1930,
(Euphorbia) **strigosa** [w WJ Hooker] (western Mex) 1838,
(Hutchinia) **indica** [w R Wight] (India) 1834 (disc by R Wight c1830) —> **Caralluma indica** by NE Brown 1892,
(Kalanchoe) **grandiflora** [w R Wight] (India) 1834,
(Modecca) **wightiana** [w R Wight] (India, Sri Lanka) 1834 (na R Wight) —> **Adenia wightiana** by HGA Engler 1891,
(Portulaca) **wightiana** [w R Wight] (India, Sri Lanka, Ethiopia, Somalia, Kenya, Tanzania) 1834 (na R Wight),
(Sarcostemma) **brunonianum** [w R Wight] (India, Australia, China, Philippines, Thailand) 1834 (na R Brown) —> **Sarcostemma viminale** ssp **brunonianum** by PI Forster 1992,
(Sedum) **uniflorum** [w WJ Hooker] (Taiwan, Japan) 1838,
(Talinum) **polygaloides** (s US, Mex, Paraguay, Argentina) 1831;
transfer *species*:
"Piper tetraphyllum" (JGA Forster 1786) —> **Peperomia tetraphylla** [w WJ Hooker] 1831.

†**Walkington**, (Prof) (Dr) David Leo (20 Jul 1930–24 Mar 1993); {Walk.}; US biologist; DSc in botany as student of LD Benson at Claremont Graduate School, Univ of Calif, Claremont 1966; prof of biology & dir of Fullerton Arboretum at Calif State Univ, Fullerton, Calif 1985; spouse Loraine [née Hafford];
Book [1966] *Morphological & Chemical Evidence for Hybridization in some Species of Opuntia occurring in Southern Calif* Claremont, Calif; 315p; (PhD thesis).

†**Wallace**, Angelique (fl. 1934); spouse (Col) RC Wallace who was chief engineer of S African Railways;
***species* nah:**
(Aloe) **angelica** (Limpopo) (desc & nah by IB Pole-Evans 1934).

Wallace, Marianne D; US; natural science educator, author & illustrator in San Gabriel Valley, Calif;
Book [1996] *America's Deserts (Guide to Plants & Animals)* Golden, Colorado; Eng; 48p; (juvenile book).

Wallace, (Prof) (Dr) Robert [**Rob**] S (10 May 1959–); {R.S.Wallace}; US botanist; PhD in botany at Rutgers Univ, New Jersey 1988; prof & dir of graduate education at Iowa State Univ, Ames, Iowa 1990~; research specialist in study of evolutionary relationships in diverse plant groups; DNA scientist on c&s taxonomy; explored in Mex, RSA, S Amer & sw US; IOS member 1986 & pres 2003–06; contributor to F Katterman's *Eriosyce* 1994 book;
Book [1988] *Biosystematic Investigation of the Genus Lithops NE BROWN (Mesembryanthemaceae)* New Brunswick, New Jersey; 240p; (PhD thesis at Rutgers Univ);
transfer *species*:
"Mediocactus hahnianus" (C Backeberg 1957) —> **Echinopsis hahniana** 1997.

Walleyn, Ruben (1966–); Belgium agronomic engineer & amateur mycologist; spouse Annemieke [née Verbeken] Walleyn;
Book [1993] *Le Mexique (Des Plantes Pour les Hommes* [w J Rammeloo] Bruxelles, Belgium; 144p (Cactaceae 10p; Agave 24p).

†**Wallich**, (Dr med) Nathaniel [Nathanael] [born Nathan Wulff or Wolff] (28 Jan 1786–28 Apr 1854); {Wall.}; Danish physician & botanist; MD at Royal Acacemy of Surgeons, Copenhagen, The Netherlands 1807; to India 1807; surgeon in Serampore, India 1807–13; superintendent of East India bot garden (established 1787) in Calcutta, India 1815–46 & MD 1821; collected in Nepal 1820–22, in Singapore & Penang 1822, in India & Burma 1829, in Assam 1833 & at Cape 1842–44; FLS 1818; FRS 1829;
Book [1830–32] *Plantae Asiaticae Rariores* London, Eng; w 300 hand colored lithographic plates; (in 3 Vols);

[1830] Vol 1; 84p; 100 plates;
[1831] Vol 2; 86p; 100 plates;
[1832] Vol 3; 117p; 100 plates;

***species* nah:**
(Ceropegia) **wallichii** (Nepal) (desc & nah by R Wight 1834),
(Sedum) **wallichianum** (Kashmir, India, Bhutan, Nepal, Sikkim, Tibet, China) (desc & nah by JD Hooker 1844) —> **Rhodiola wallichiana** by SH Fu 1965;
disc *species*:
(Cotyledon) **wallichii** (Namibia, Northern Cape, Western Cape) (desc & nah by WH Harvey 1862) —> **Tylecodon wallichii** by HR Tolken 1978;
desc *species*:
(Caralluma) **crenulata** (Myanmar, India) 1830 (disc by him 1826),
(Caralluma) **fimbriata** (Burma) 1830 (disc by him 1826) —> **Caralluma adscendens** var **fimbriata** by FH Gravely & PV Mayuranathan 1931,

(Ceropegia) **longifolia** (Nepal, India, Myanmar, Bangladesh, Bhutan, China) 1830,
(Ceropegia) **pubescens** (India, Nepal, Bhutan, Myanmar, China) 1831.

†**Wallis**, Gustav (1 May 1830–20 Jun 1878); German gardener at Detmold & Müchen; collected in Central & S Amer 1854–68, in Philippines & Japan 1870–71, in N Amer 1871–72 & in Colombia, Panama & Ecuador 1872~;

species **nah:**

(Agave) **wallisii** (Colombia) (desc & nah by GA von Jacobi 1870).

†**Walpers**, (Dr) Wilhelm [Guilelmo, Guilielmo] Gerhard [Gerardo] (26 Dec 1816–18 Jun 1853); {Walp.}; Ger botanist; PhD at Greifswald Univ 1839; independent scientist in Berlin 1839~;

Book 1848–49] *Annales Botanices Systematicae, Tomus I. Synopsis Plantarum Phanerogamicarum Novarum Omnium per Annos 1846 &1847 Descriptarum*; Leipzig, Ger; Ger; over 840p; (includes c&s),

[1851–52] *Annales Botanices Systematicae, Tomus II. Synopsis Plantarum Phanerogamicarum Thalamiflorarum et Calyciflorarum Omnium per Annos 1848, 1849, 1850 Desciptarum* Leipzig; Ger; over 690p; (includes c&s),

[1852–53] *Annales Botanices Systematicae, Tomus III. Synopsis Plantarum Phanerogamicarum Corolliflorarum, Monchlamydearum et Monocotyledonearum Omnium per Annos 1848, 1849, 1850 Desciptarum* Leipzig; Ger; over 900p; (includes c&s);

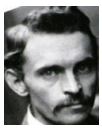
desc *species*:

(Echinocactus) **reichenbachii** (Coahuila, Tamaulipas) 1843 (na F Reichenbach) —> **Echinocereus reichenbachii** by FA Haage 1959,

(Galena) **ecklonis** (Western Cape) 1843;

transfer *species*:

"Diaphoranthus fuscus" (FJF Meyen 1834) —> **Polyachyrus fuscus** 1843,
“Echinocactus leucanthus” (JMF Salm-Dyck 1834) —> **Echinopsis leucantha** 1843,
“Kolleria collina” (CF Ecklon & KLP Zeyher 1837) —> **Galenia collina** 1843,
“Kolleria herniariaefolia” (CB Presl 1831) —> **Galenia herniariaefolia** 1843,
“Kolleria pallens” (CF Ecklon & KLP Zeyher 1837) —> **Galenia pallens** 1843,
“Petrogeton nemorosum” (CF Ecklon & CLP Zeyher 1837) —> **Crassula nemorosa** 1843,
"Tetraphyle campestris" (CF Ecklon & CLP Zeyher 1837) —> **Crassula campestris** 1843,
“Tetraphyle lanceolata” (CF Eklon & CLP Zeyher 1837) —> **Crassula lanceolata** 1843.



†**Walpole**, Frederick Andrews (17 Jan 1861–11 May 1904); US bot artist & illustrator at USDA 1896–1902 & at US Natl Museum 1902~;
artist of *Crassulaceae* for JN Rose;

species **nah:**

(Echeveria) **walpoleana** (San Luis Potosi, Nuevo Leon, Hidalgo, Tamaulipas) (desc & nah by JN Rose 1905 & disc by E Palmer 1903).

†**Walt**, (Dr) Johannes Jacobus Adriaan [**Adri**] van der (16 Oct 1938–28 Nov 2003); {J.J.A. van der Walt}; RSA botanist; PhD at Univ of Pretoria 1971; lecturer in botany at Univ of Zululand 1968 and at Stellenbosch Univ 1969~ (prof of botany 1979~); specializing in Pelargonium genus;

Book [1977–88] *Pelargoniums of Southern Africa* [w water color illustrations by artist JE Ward-Hilhorst]; Cape Town, S Africa; Eng; (in 3 Vols);
[1977] Vol 1; 50p w 50 water color plates;
[1981] Vol 2 [w PJ Vorster]; 149p;
[1988] Vol 3 [w PJ Vorster]; 148p;

desc *species*:
(Commiphora) **cervifolia** (Namibia, Northern Cape) 1971,
(Commiphora) **giessii** (Namibia, Northern Cape) 1973 (na HJW Giess),
(Commiphora) **gracilifrondosa** (Namibia, Northern Cape) 1971,
(Pelargonium) **album** (Mpumalanga) 1990,
(Pelargonium) **magenteum** (Western Cape) 1980,
(Pelargonium) **sericifolium** (Northern Cape) 1980.

†**Walter**, EG;
disc *species*:
(Monadenium) **hirsutum** (Zambia) 1931 (desc by PRO Bally 1959).

Walter, Helmut E (1947–); {Helmut Walter}; Ger; studied literature & linguistics at Ludwig Maximilian Univ, Munich, Ger 1968–74; doing field & research work on Chilean cacti during summer months in Chile 1995~; IOS member 2006;
Book [2005] *Cactaceous in the wild flora of Chile* [w AE Hoffmann] Santiago; Spanish; 307p; (2nd edition of 1989 book by AE Hoffmann);
desc *species*:
(Echinopsis) **bolligeriana** [w W Machler] (Peru) 2003 (disc by HE Walter 2003).

Walters, Michele (1975–); RSA; natural resources & environment, council for scientific & industrial research in Pretoria, RSA & Centre for wildlife management, dept of animal & wildlife science, Univ of Pretoria, RSA;
Book [2012] *Naturalised & Invasive Succulents of Southern Africa, ABC Taxa Journal Vol 11* [w NR Crouch, E Figueiredo, PJD Winter, GF Smith, HG Zimmermann & BK Mashope]; RSA; Eng; 360p.

†**Walther**, Edward **Eric** (14 Oct 1892–2 Jul 1959); {E.Walth.}; Ger to US 1909; horticulturist & first dir of Strybing Arboretum in Golden Gate Park, San Francisco, Calif 1918–57; botany research associate at Calif Academy of Sciences 1957~; collected in Mex 1936; specialist in Crassulaceae; wrote journal articles; CSSA Fellow award 1941;
Book [1930] *C&OS (an annotated list of plants cultivated in the Santa Barbara, Calif, region)* [w EO Orpet, R Hoffmann & J West] Santa Barbara, Calif; Eng; 107p; (edited by P Chase),
[1935] *Collecting Succulents in Mex*; 16p,

[1972] *Echeveria* [pub in San Francisco, Calif after his death w editorial help from JT Howell & RV Moran]; Eng; 426p w 16 color plates;

species **nah:**

(Echeveria) **waltheri** (Guerrero, México) (desc & nah by RV Moran & J Meyran 1961);

disc *species*:

(Sedum) **lucidum** (Veracruz) 1935 (desc by RT Clausen 1951);

desc *species*:

(Echeveria) **affinis** (Durango, Sinaloa) 1958 (disc by R Flores),

(Echeveria) **amphoralis** (Oaxaca) 1958 (disc by TB MacDougall),

(Echeveria) **angustifolia** (San Luis Potosi, Tamaulipas) 1972,

(Echeveria) **ballsii** (Colombia) 1958 (na EK Balls),

(Echeveria) **colorata** (Jalisco) 1972,

(Echeveria) **craigiana** (Chihuahua, Sonora) 1952 (disc by GE Lindsay & RT Craig 1939 & na RT Craig),

(Echeveria) **dactylifera** (Sinaloa, Durango, Aguascalientes, Jalisco) 1972,

(Echeveria) **globuliflora** (Oaxaca) 1959 (disc by him 1958),

(Echeveria) **goldiana** (state of Mex) 1959 (na DB Gold) —> **Echeveria halbingeri** var **goldiana** by MW Kimnach 1998,

(Echeveria) **gracilis** (Oaxaca, Puebla) 1935,

(Echeveria) **grisea** (Guerrero, Michoacan) 1938 (disc by him 1935),

(Echeveria) **halbingeri** (Hidalgo) 1958 (disc in 1941 & na C Halbinger),

(Echeveria) **johnsonii** (Ecuador) 1958 (disc by JH Johnson, Sr, & nah),

(Echeveria) **juarezensis** (Oaxaca) 1959,

(Echeveria) **longiflora** (Guerrero) 1959,

(Echeveria) **longissima** (Oaxaca) 1938 (disc by M Martinez c1937),

(Echeveria) **macdougallii** (Oaxaca) 1958 (disc by TB MacDougall & nah),

(Echeveria) **megacalyx** (Oaxaca) 1959,

(Echeveria) **moranii** (Oaxaca) 1972 (na RV Moran),

(Echeveria) **pallida** (Mex) 1938,

(Echeveria) **penduliflora** (Oaxaca) 1958 (disc by TB MacDougall),

(Echeveria) **pulidonis** (Hidalgo) 1972,

(Echeveria) **runyonii** (Nuevo Leon) 1935 (na R Runyon),

(Echeveria) **sanchez-mejoradae** (Hidalgo) 1972 (disc by EE Walther 1959 & na H Sanchez-Mejorada) —> **Echeveria halbingeri** var **sanchez-mejoradae** by MW Kimnach 1998,

(Echeveria) **shaviana** (Tamaulipas, Nuevo Leon) 1972,

(Echeveria) **skinneri** (Oaxaca) 1972 (disc by TB MacDougall 1959 & na DB Skinner),

(Echeveria) **viridissima** (Oaxaca) 1959,

(Echeveria) **westii** (Peru) 1972 (na J West),

(Graptopetalum) **occidentale** (Sinaloa) 1933,

(Graptopetalum) **orpetii** (Arizona) 1930 (disc by E Howard 1929 & na EO Orpet),

(Pachyphytum) **viride** (Queretaro) 1937 (disc by F Schmoll),

(Sedum) **morganianum** (Veracruz) 1938 (disc by EE Walther 1935 in small nursery near Jalapa, Veracruz & na MW Morgan);

transfer *species*:
"Cotyledon paraguayensis" (NE Brown 1914) —> **Graptopetalum paraguayense** 1938,
"Pachyphytum amethystinum" (JN Rose 1905) —> **Graptopetalum amethystinum** 1931,
"Sedum bicolor" (KS Knuth 1823) —> **Echeveria bicolor** 1935,
"Sedum chilonense" (CEO Kuntze 1898) —> **Echeveria chilonensis** 1935;
desc *variety*:
(Echeveria bella var) **major** (Chiapas) 1972 —> **Echeveria bella** fa **major** by MW Kimnach 1998,
(Echeveria semivestita var) **floresiana** (San Luis Potosi, Tamaulipas) 1958 (disc by R Flores).

†**Walton**, (Miss) A; RSA;
***species* nah:**
(Orthopterum) **waltoniae** (Eastern Cape) (desc & nah by HML Bolus 1927).

†**Walton**, **Frederick** Arthur (22 Apr 1853–2 Nov 1922); {Walton}; British jewelry businessman ≈1897, inventor & nurseryman w large collection of cacti at his business *The Friary* 1897–1905; founded Handsworth Horticultural Soc, Birmingham, Eng 1885, VP 1889–91 & Pres 1892; collected in US & Mex 1899; member of first National Cactus Soc (founded 1895–1900) & editor of *The Cactus Journal* 1898–1900 (2 Vols only);
member of Cactus Association of St. Louis, Missouri (founded 1895–1900);
spouse Fanny Maria [née Ewins] Walton (1856–1932);
Book [1899] *C&OS (Amateur's Guide & Price List)* Birmingham, Eng; Eng; 50p;
desc *genus*:
Cochemiea (Baja Calif) 1899 (syn of Mamm HAWORTH).

†**Wang**, (Dr) Chi Wu (1913–1987); {C.W.Wang}; Chinese botanist; to US 1933;
PhD at Harvard Univ 1953; collected in Yunnan, China 1930s –1942;
***species* nah:**
(Sedum) **wangii** (Yunnan) (desc & nah by SH Fu 1951);
desc *species*:
(Sedum) **jiuhuashanense** [w PS Hsu] (China) 1991.

Wang, De Qun (1951–); {D.Q.Wang};
desc *species*:
(Sedum) **dongzhiense** [w YL Shi] (China) 1990,
(Sedum) **kiangnanense** [w ZF Wu] (China) 1990 (disc by him 1988).

Wang, Han Jin (1929–); {H.J.Wang};
desc *species*:
(Sedum) **ecalcaratum** [w PS Hsu] (China) 1991.

Wang, Ming Chin [Jin] (fl 1965); {M.C.Wang}; Chinese botanist;
***species* nah:**

(Sedum) **mingjinianum** (China) (desc & nah by SH Fu 1965) —> **Hylotelephium mingjinianum** by H Ohba 1977.

Wang, Xue Wen (1947–); {X.W.Wang};
desc *species*:
(Sedum) **anhuiense** [w SH Fu] (China) 1986.

†**Wankum**, Louis (16 Jul 1907–19 Nov 2004); US; collected in Arizona;
disc *species*:
(Echinocereus) **ledingii** (Arizona) 1935 (desc by RH Peebles 1936 & na AR Leding).

Waras, Eddie (fl. 1977); Brazil; collected in Brazil;
***species* nah:**
(Eriocactus) **warasii** (Rio Grande do Sul) (desc & nah by F Ritter 1973) —> **Parodia warasii** by FH Brandt 1982.

†**Warburg**, (Prof) (Dr) Otto (20 Jul 1859–10 Jan 1938); {Warb.};
Ger botanist; PhD at Strassburg Univ 1883; lecturer & prof at Univ of Berlin 1891–21; prof of botany & dir of Institute of Natural History of Palestine Hebrew Univ, Jerusalem 1921~; collected in India, Indonesia, Philippines; Japan, China, Australia in around world voyage 1885–89;
desc *species*:
(Begonia) **jussiaeicarpa** (Cameroon) 1897,
(Myrmedoma) **naumannii** (Irian Jaya) 1894 (disc by FC Naumann & nah) —> **Myrmephytum naumannii** by CR Huxley & MHP Jebb 1991,
(Sansevieria) **perrotii** (Tanzania) 1901 (na B Perrot).

Ward, Jennifer; US author of children's books;
Book [2003] *The seed & the giant saguaro* Flagstaff, Arizona; Eng; 32p w 20 color graphics; (children's book).

Ward, P;
disc *species*:
(Monadenium) **spectabile** (Tanzania) 1936 (desc by S Carter 1987).

†**Ward-Hilhorst**, [née Hilhorst,] Johanna **Ellaphie**
(10 Jul 1920–30 Jun 1994); RSA botanical artist; worked as a freelance commercial artist in advertising in Cape Town and Johannesburg ≈1973; botanical artist of some 800 plant portraits, mostly watercolors 1973~, appearing in books & numerous journals; interested in, collected & artist on Pelargonium species; received Bot Soc of S Africa's Cythna Letty gold medal 1988, & Royal Horticultural Soc gold medal 1990 for her *Haemanthus* species paintings; spouse Arthur Ward; illustrator for following books;
Book [1977] *Pelargoniums of Southern Africa* by JJA van der Walt,

[1984] *A revision of the genus Haemanthus* by DA Snijman;
[1994] *Gasterias of S Africa* by EJ van Jaarsveld;
species **nah:**
(Gasteria) **ellaphieae** (Eastern Cape) (desc & nah by EJ van Jaarsveld 1991 & disc by EJ van Jaarsveld 1989),
(Pelargonium) **ellaphieae** (Western Cape) (desc & nah by EM Marais 1981),
(Tylecodon) **ellaphieae** (Northern Cape) (disc by EJ van Jaarsveld & P Drijfhout & desc & na JE Ward-Hilhorst by EJ van Jaarsveld 1989).

Ware, (Prof) (Dr) Stewart A (c1942–); US biologist;
PhD in biology at Vanderbilt Univ, Nashville, Tennessee 1968;
prof of biology at College of William & Mary, Williamsburg, Virginia; spouse Donna Ware;
desc *species*:
(Talinum) **calcaricum** (Tennessee, Alabama) 1967.

†**Warnock**, (Prof) (Dr) Barton Holland (21 Jul 1911–16 Jun 1998); {Warnock}; US botanist; PhD in botany at Univ of Texas, Austin 1946; prof of biology at Sul Ross State Univ, Alpine, Texas 1946–79; collected cacti in Texas, Chihuahua & Coahuila; taught course on 'Cacti & Succ of the Southwest';
Book [1970] *Wild Flowers of the Big Bend Country, Texas* Alpine, Texas; Eng;
157p w over 325 color photos,
[1977] *Wild flowers of the Davis mtns & the Marathon Basin, Texas*; Eng;
274p w 95 color photos;
species **nah:**
(Neolloydia) **warnockii** (Texas, Coahuila) (desc & nah by LD Benson 1969 & disc by LD Benson 1965) —> **Sclerocactus warnockii** by NP Taylor 1987.

Warren, Peter L;
Book [1992] *Vascular Plants of a Desert Oasis: Flora & Ethnobotany of Quitobaquito, Organ Pipe Cactus Natl Monument, Arizona* [w RS Felger, LS Anderson & GP Nabhan]; Eng; 39p.

†**Warszewicz**, Josef [Józef] Ritter von Rawicz (8 Sep 1812–29 Dec 1866); Lithuanian gardener to Berlin, Ger 1840–44; curator at Cracow Bot Garden, Poland 1854~; collected in Central Amer 1845–50 & in Ecuador, Bolivia & Peru 1851–54; specialized in orchids;
species **nah:**
(Tradescantia) **warszewicziana** (Mex, Guatemala) (desc & nah by CS Kunth & PC Bouche 1847) —> **Callisia warszewicziana** by DR Hunt 1983.

†**Wasberg**, Albert;
Book [1936] *Sedum fur Kalljord* Stockholm, Sweden ; Swedish; (in 2 Vols); Vol 1, 72p; Vol 2, 90p.

Wasowski, Sally; US landscape designer, Dallas, Texas;
Book [1995] *Native Gardens for dry Climates* New York, NY; Eng; 176p; contributor & photography by Andy Wasowski.

Wasshausen, (Dr) Dieter Carl (15 Apr 1938–); {Wassh.}; Ger to US c1946; botanist; PhD at George Washington Univ, DC 1972; worked at Smithonian Institute 1962~ & dir 1982~; collected in Dominica, Trinidad, Tobago, Bahamas, Puerto Rico, French Guiana, Brazil, Bolivia, Argentina, Peru, US, Australia & Mada; received Willdenow Medal 1979;
disc *species*:
(Aloe) **delphinensis** (Mada) (desc by WHH Rauh 1990),
(Euphorbia) **herman-schwartzii** [w WHH Rauh, HA Schwartz & SL Linden] (n Mada) 1990 (desc by WHH Rauh 1991 & na HA Schwartz).

†**Wassmer**, (Dr) Armin (15 Feb 1924–1 May 2018); Swiss botanist;
PhD in botany at Univ of Zürich 1955;
Book [1955] *Vergleichend-Morphologische Untersuchungen an Den Bluten der Crassulaceen*; 112p; (PhD thesis).

†**Watelin**, **Louis-Charles** Émile [Pariès] (1874–26 Jun 1934); French archaeologist;
Book [1900] *Notes Sur la Mexique (Culture du Maguey – Agave)* Paris, France; 52p.

†**Waterhouse**, Gilbert (15 Jul 1888–25 Jul 1977); Eng prof in languages in Germany and Ireland; spouse Mary Elizabeth [née Woods] Waterhouse;
Book [1932] *Simon van der Stel's Journal of his Expedtion to Namaq 1685–86* London, Eng; Dutch/Eng; 183p w 45 leaves of plates; (editor of – from original manuscript of S van der Stel).

†**Watermeyer**, EB (fl. 1915–29); RSA; collected in Vanrhynsdorp area;
***species* nah:**
(Crassula) **watermeyeri** (Northern Cape) (desc & nah by RH Compton 1931) —> **Crassula atropurpurea** var **watermeyeri** by HR Tolken 1975,
(Mesemb) **watermeyeri** (Northern Cape) (desc & nah by HML Bolus 1921) —> **Lampranthus watermeyeri** by NE Brown 1930,
(Ruschia) **watermeyeri** (Cape) (desc & nah by HML Bolus 1928) —> **Antimima watermeyeri** by HEK Hartmann 1998;
disc *species*:
(Euphorbia) **cylindrica** (Northern Cape) 1916 (desc by BL Sloane, AC White & RA Dyer 1941).

Watkins, Vonn;
Book [2015] *Field Guide to Cacti & Other Succulents of Arizona* [w P Breslin, G Starr & R Romero] Tucson, Arizona; Eng; 302p w many color photos; (2nd edition 2017 w 302p & 417 color photos, 29 maps).

Watson, (Dr) Edna Madge; {E.M.Watson}; MSc 1977 &
PhD 1983 at Australian Natl Univ, Canberry;
Book [1977] *Variation & Diversification Within the Genus Bulbine Willd.*; Canberry, Australia; Eng; (MSc thesis),
[1983] *Cytoevolutionary Studies in the Genus Bulbine* Canberry, Australia; Eng; 820p; (PhD thesis);
desc *species*:
(Bulbine) **vagans** (Queensland, New S Wales) 1987;
transfer *species*:
"Nemopogon glaucum (CS Rafinesque 1837) —> **Bulbine glauca** 1987.

†**Watson**, Hewett Cottrell (9 May 1804–27 Jul 1881); {H.C.Watson}; wealthy British botanist, phytogeographer & phrenologist; editor of *Phrenological Journal* 1837–40; collected in Azores 1842; wrote of geographical distribution of plants; FLS 1834;
Book [1998] *Plantas Altoandienas en la Flora Silverstre de Chile* [w MK Arroyo, F Liberona, AE Hoffmann & M Munoz]; Spanish; 279p w colored plates of plants every other page.
desc *species*:
(Euphorbia) **stygiana** (Azores) 1844.

Watson, John Michael (1936–); British bot collector in Chile; spouse Anita [née Ana Rosa Flores] Watson-Flores;
***species* nah:**
(Echidnopsis) **watsonii** (Somalia, Kenya) (desc & nah by PRO Bally 1963).

Watson, Rupert William Milvain (9 Apr 1949–); Eng lawyer & baobab succ enthusiast; Bachelor of Laws specializing in Eng law & economics at Dundee Univ, Scotland 1970; solicitor in Eng 1972; to Kenya 1978; advocate of High Court of Kenya 1979; explored for baobabs throughout Africa, especially in Eritrea, Tanzania, Botswana, Namibia & Kenya;
Book [2007] *The African Baobab* Cape Town, RSA; Eng; 200p.

†**Watson**, (Dr med) Sereno (1 Dec 1826–9 Mar 1892); {S.Wats.}; US physician & botanist; botanist on Clarence King's geological exploration of 40th parallel 1868 & studied his collections at Yale 1869 & at Harvard 1870–74; assistant w A Gray at Gray Herbarium 1871–88 & curator 1888~; desc collected plants from nw US, Guatemala & Mex in 1880s;
Book [1871] *Cactaceae of Clarence King's Expedition of the Fortieth Parallel* DC,
[1876–80[*Botany of Calif* [w A Gray & WH Brewer] Cambridge, Massachusetts; Eng; (in 2 Vols);
[1876] Vol 1; 628p; (cacti section by GT Engelmann);
[1880] Vol 2; 559p;
desc *genus*:
Hesperaloe (Texas, Sonora, Coahuila, Nuevo Leon, San Luis Potosi) 1871;
desc *species*:

(Agave) **planifolia** (Sonora, Chihuahua) 1887,
(Bombax) **palmeri** (Sonora, Sinaloa, Nayarit, Jalisco) 1887 (na E Palmer) —> **Pseudobombax palmeri** by A Dugand 1943,
(Bravoa) **singuliflora** (Durango, Chihuahua, Zacatecas) 1887 —> **Agave singuliflora** by A Berger 1915,
(Calandrinia) **cotyledon** (Oregon, Calif)) 1885 (disc by T Howell 1883) —> **Lewisia cotyledon** by BL Robinson 1897,
(Calandrinia) **howellii** (Oregon, Calif) 1888 (na TJ Howell) —> **Lewisia cotyledon** var **howellii** by WL Jepson 1914,
(Calandrinia) **oppositifolia** (Oregon, Calif) 1885 —> **Lewisia oppositifolia** by BL Robinson 1897,
(Calyptridium) **quadripetalum** (Calif) 1885 —> **Cistanthe quadripetala** by MA Hershkovitz 1990,
(Calyptridium) **roseum** (Calif, Idaho, Oregon, Nevada) 1871 —> **Cistanthe rosea** by MA Hershkovitz 1990,
(Cereus) **pecten-aboriginum** (Baja Calif, Sonora to Oaxaca) 1886 —> **Pachycereus pecten-aboriginum** by NL Britton & JN Rose 1909,
(Cereus) **pringlei** (Sonora, Baja Calif) 1885 (disc by CG Pringle 1884 & nah) —> **Pachycereus pringlei** by NL Britton & JN Rose 1909,
(Claytonia) **ambigua** (Calif, Arizona, Baja Calif) 1882 —> **Cistanthe ambigua** by MA Hershkovitz 1990,
(Claytonia) **triphylla** (British Columbia, Washington to Calif to Utah, Colorado) 1875 —> **Lewisia triphylla** by BL Robinson 1897,
(Cotyledon) **attenuata** (Baja Calif) 1887 —> **Dudleya attenuata** by RV Moran 1943,
(Cotyledon) **oregonensis** (Calif, Oregon) 1882 —> **Sedum oregonense** by ME Peck 1941,
(Cotyledon) **palmeri** (Calif) 1879 —> **Dudleya palmeri** by NL Britton & JN Rose 1903,
(Cotyledon) **pringlei** (Jalisco) 1890 (na CG Pringle) —> **Echeveria pringlei** by JN Rose 1903,
(Cotyledon) **schaffneri** (San Luis Potosi) 1882 (na W Schaffner) —> **Echeveria schaffneri** by JN Rose 1903,
(Cotyledon) **viscida** (Calif) 1882 —> **Dudleya viscida** by RV Moran 1943,
(Cucurbita) **palmata** (US, Mex) 1876,
(Dasylirion) **inerme** (San Luis Potosi, Vera Cruz) 1891 —> **Beaucarnea inermis** by JN Rose 1906,
(Dasylirion) **wheeleri** (Chihuahua, Arizona, New Mex, Texas) 1878 (na GM Wheeler),
(Elaterium) **bigelovii** (Arizona, Calif, Colorado, Baja Calif) 1890 —> **Brandegea bigelovii** by CA Cogniaux 1890,
(Ficus) **palmeri** (San Pedro Martin Island, Baja Calif) (na E Palmer),
(Maximowiczia) **sonorae** (Mex) 1889 —> **Ibervillea sonorae** by EL Greene 1895,
(Nolina) **parryi** (Calif, Arizona, Baja Calif) 1879 (na CC Parry),
(Nolina) **texana** (Texas, Arizona) 1879,
(Peperomia) **gracillima** (central Mex to Costa Rica) 1887,
(Sedum) **alamosanum** (Sonora) 1880,

(Sedum) **chihuahuense** (Chihuahua) 1888,
(Sedum) **debile** (western US) 1871,
(Sedum) **diffusum** (Nuevo Leon, Hidalgo, San Luis Potosi) 1890,
(Sedum) **divergens** (British Columbia, Washington, Oregon, Calif) 1882,
(Sedum) **filiferum** (Chihuahua) 1885 (disc by E Palmer) —> **Graptopetalum filiferum** by J Whitehead 1943,
(Sedum) **guadalajaranum** (Jalisco) 1887,
(Sedum) **jaliscanum** (Jalisco) 1890,
(Sedum) **madrense** (Chihuahua) 1888,
(Sedum) **palmeri** (Coahuila, Nuevo Leon) 1882 (na E Palmer),
(Sedum) **pringlei** (Chihuahua) 1887 (na CG Pringle),
(Sedum) **radiatum** (Calif) 1883,
(Sedum) **stelliforme** (Arizona, New Mex, Chihuahua) 1885,
(Sedum) **variegatum** (Calif, Baja Calif) 1876 —> **Dudleya variegata** by RV Moran 1953,
(Sedum) **vinicolor** (Chihuahua, Durango) 1885,
(Talinum) **brevicaule** (Chihuahua) 1886,
(Talinum) **coahuilense** (Coahuila, Hidalgo, San Luis Potosi) 1891 —> **Grahamia coahuilensis** by GD Rowley 1994,
(Tillaea) **viridis** (Idaho, Arizona, Mex, Brazil) 1888 —> **Crassula viridis** by M Bywater & GE Wickens 1984;
transfer *species*:
"Dasylirion bigelovii" (J Torrey 1857) —> **Nolina bigelovii** 1879.

†**Watson**, Wm (14 Mar 1858–30 Jan 1925); {W.Wats.}; British gardener & horticulturist; gardener & then curator at Kew 1879–22; founding member of National Cactus Soc 1895–1900; VMH 1916; collected in RSA1887;
Book [1889] *Cactus Culture for Amateurs* London, Eng; Eng; 246p; (included illustrations borrowed from AA Blanc & GT Engelmann);
✪desc *species*:
(Aloe) **somaliensis** (Somalia) 1899 (disc by E Cole 1894–95).

†**Watt**, (Prof) (Dr med) John Mitchell (1 Dec 1892–23 Apr 1980); {J.M.Watt}; RSA physician, Bacelor of Medicine & of Surgery 1916; pharmacologist, botanist & toxicologist; prof of pharmocolgy & therapeutics at Univ of Witwatersrand 1921–57; collected in RSA;
Book [1962] *The Medicinal &Poisonous Plants of Southern Africa* [w MG Breyer-Brandwijk] Edinburgh, Scotland; Eng; 1,457p w 26 leaves of plates.

Wauer, Roland Horst (22 Mar 1934–); US biologist; chief park naturalist for Big Bend Natl Park, Texas 1966–72; MS at Sul Ross State Univ, Alpine, Texas 1970; chief naturalist of Division of Natural Resources, Natl Park Service 1972~;
spouse Betty Jo [née Newman];
Book [1973] *Naturalist's Big Bend: An Intro to the Trees & Shrubs, WildFlowers, Cacti,*

Mammals, Birds, Reptiles & Amphibians, Fish, & Insects College Station, Texas; 160p.

†**Wawra**, (Dr med) Heinrich [enobled as Ritter von Fernsee 1873], (2 Feb 1831–24 May 1881); {Wawra}; Austrian physician & botanist; MD at Vienna Univ 1855; physician w Austrian navy 1856–78; collected in RSA & Brazil 1857–60, in Mex 1864–65, eastern Asia & Pacific 1868–71, in N Amer 1872–73 & Australia, Indonesia & Brazil 1879;
desc *species*:
(Peperomia) **flexicaulis** (Bahia) 1862,
(Sesuvium) **mesembryanthemoides** [w JJ Peyritsch] (Angola, Great Namaq) 1860.

Wayman, Ann; US writer on genus Hoya; editor of International Hoya Association *Fraterna* journal;
Book [1992] *The Hoya Handbook - A Guide for the Grower & Collecto*r [w RD Kloppenburg] Medford, Oregon; Eng; 135p w 144 color photos.

W.D.S., = AC **White**, RA **Dyer** & BL **Sloane**. See BL **Sloane**.

†**Webb**, [née Gooch,] (Mrs); mother of PB Webb;
***species* nah:**
(Aeonium) **goochiae** (Canary Islands) (desc by PB Webb & S Berthelot 1840).

Webb, (Prof) Philip Barker — See **Barker-Webb**, Philip.

Webb, (Dr) Robert H; {R.H.Webb}; US hydrologist, plant ecologist & nurseryman; PhD in geosciences at Univ of Arizona, Tucson, Arizona 1985; associate prof of hydrology 1998 & of geosciences 2003~ at Univ of Arizona; owner [w Toni Yocum] *Arid Lands Greenhouses*; explored in Oman, Yemen, Kenya, Namibia, Botswana, Uganda, Tanzania, RSA & Baja Calif;
desc *species*:
(Agave) **turneri** [w JM Salazar-Ceseña] (Baja Calif) 2011 (disc by JM Salazar-Ceseña 2009 & na ? Turner).

Webb, Wm J;
Book [1984] *The Pelargonium Family (The Species of Pelargonium, Monsonia & Sarcocaulon)* London, Eng; Eng; 104p w 53 color photos & graphics.

Webber, John Milton (18 Sep 1897–21 Jul 1984); {J.M.Webber}; US cytologist; worked at USDA division of cotton & other fiber crops & diseases, DC;
Book [1953] *Yuccas of the Southwest* DC; Eng; 97p;
desc *species*:
(Yucca) **navajoa** (Arizona, New Mex) 1945 —> **Yucca baileyi** var **navajoa** by JM Webber 1953.

†**Weber**, (Mr) ?; Calvinia, RSA;
species **nah:**
(Lithops) **weberi** (Northern Cape) (desc & nah by GC Nel 1940 & disc by GC Nel 1939) —> **Lithops comptonii** var **weberi** by DT Cole 1973.

Weber, Claude (fl. 1968); {C.Weber};
desc *genus*:
Antegibbaeum (Western Cape) 1968;
transfer *species*:
"Mesemb fissoides" (AH Haworth 1795) —> **Antegibbaeum fissoides** 1968.

†**Weber**, (Dr med) Frederick [Frédéric] Albert-Constantin [**Albert**]
(17 May 1830–27 Jul 1903); {Web.}; French military surgeon, cactologist & amateur botanist; MD at Univ of Strasbourg 1852; specialized in Cactaceae; collected many cacti in Mex 1865–66; first to used name **Epithelantha** 1898 as a subgenus of genus **Mammillaria**, but was increased to generic status by NL Britton & JN Rose 1922; wrote French journal articles;
(see R Roland-Gosselin for Weber papers pub in 1905);
Book [1892] *Cactées Nouvelles du genre Rhipsalis*; 6p,
[1893–99] *Cacteae* section from DGJ Bois' *Dictionnaire d'Horticulture* Paris, France; French; (*Cactées* portion reprinted 1995 w 39p),
[1895] *Les Cactées de la Basse-Californie* Paris; French; 6p,
[1898] *Les Echinocactus de la Basse Californie* Paris; French; 5p,
[1898] *Les Pereskia et Opuntia Péreskioides du Mexique* Paris; French 6p,
[1899] *Les Cactées des Îles Galapagos* Paris; French; 6p,
[1900] *Notice sur la Floraison de L'Epiphyllum russelianum* Paris; French; 5p,
[1900] *Le Figuier de Barbarie (Opuntiaficus indica)* France; French; 8p,
[1902] *Etudes sur les Opuntia (Series II)* Paris, France; French; 18p,
[1902] *Notes sur Quelques Agaves du Mexique Occidental et de la Basse-Californie*; 7p,
[1902] *Les Cactees de Costa Rice* Paris; French; 16p;
genus **nah:**
Weberocereus (Costa Rica, Panama, Mex, Ecuador, Guatemala, El Salvador) (desc & nah by NL Britton & JN Rose 1909);
desc *genus*:
Mamillopsis 1898 (name first used as a subgenus of genus Mammillaria by CJE Morren 1874 — syn of Mammillaria HAWORTH);
species **nah:**
(Agave) **weberi** (Texas) (desc & nah by HL Poisson 1901),
(Cereus) **weberi** (Oaxaca, Puebla, Guerrero) (desc & nah by JM Coulter 1896 & disc by FAC Weber 1864) —> **Pachycereus weberi** by C Backeberg 1960,
(Opuntia) **weberi** (Argentina) (desc & nah by CL Spegazzini 1905) —> **Tephrocactus weberi** by C Backeberg 1936,
(Pereskia) **weberiana** (Cochabamba) (desc & nah by KM Schumann 1898);

disc *species*:

(Cereus) **chiotilla** (Oaxaca, Puebla, Guerrero, Michoacan) c1864 (desc by KM Schumann 1897) —> **Escontria chiotilla** by JN Rose 1906,

(Cereus) **tetetzo** (Oaxaca, Puebla) 1864 (desc by JM Coulter 1896) —> **Neobuxbaumia tetetzo** by C Backeberg 1938;

desc *species*:

(Agave) **datylio** (Baja Calif) 1902,

(Agave) **tequilana** (Sonora, Sinaloa, Oaxaca, Michoacan, Jalisco) 1902,

(Anhalonium) **trigonum** (Nuevo Leon, Tamaulipas) 1893 —> **Ariocarpus trigonus** by KM Schumann 1898,

(Cereus) **aragonii** (Costa Rica) 1902 —> **Stenocereus aragonii** by F Buxbaum 1961,

(Cereus) **calcaratus** (Costa Rica) 1902 (disc by HF Pittier 1901) —> **Hylocereus calcaratus** by NL Britton & JN Rose 1909,

(Cereus) **hollianus** (Puebla) 1896 (disc by him 1864) —> **Pachycereus hollianus** by F Buxbaum 1961,

(Cereus) **huascha** (Catamarca, La Rioja) 1893 —> **Echinopsis huascha** by H von Friedrich & GD Rowley 1974,

(Cereus) **huitcholensis** (Jalisco, Chihuahua, Durango, Nayarit, Sinaloa) 1904 (disc by L Diguet 1900) —> **Echinocereus huitcholensis** by M Lange 1994,

(Cereus) **pomanensis** (Argentina, Bolivia, Paraguay) 1897 —> **Harrisia pomanensis** by NL Britton & JN Rose 1920,

(Cereus) **smaragdiflorus** (Argentina, Bolivia) 1894 —> **Cleistocactus smaragdiflorus** by NL Britton & JN Rose 1920,

(Cereus) **spegazzinii** (Paraguay, Argentina, Bolivia, Brazil) 1899 (na CL Spegazzini),

(Cereus) **thouarsii** (Galapagos Islands) 1899 (disc by AA du Petit-Thouars 1838 & nah) —> **Jasminocereus thouarsii** by C Backeberg 1959,

(Cereus) **tonduzii** (Costa Rica) 1902 (na A Tonduz) —> **Weberocereus tonduzii** by GD Rowley 1982,

(Cereus) **tunilla** (Costa Rica) 1902 —> **Weberocereus tunilla** by NL Britton & JN Rose 1909,

(Cereus) **viperinus** [w A Roland-Gosselin] (Puebla, Morelos, Oaxaca) 1904 (disc by L Diguet) —> **Peniocereus viperinus** by KG Kreuzinger 1935,

(Echinocactus) **crassihamatus** (Queretaro, Guanajuato) 1895 —> **Sclerocactus uncinatus** ssp **crassihamatus** by NP Taylor 1998,

(Echinocactus) **diquetii** (Islands of the Gulf of Calif) 1898 (disc by L Diguet & nah) —> **Ferocactus diquetii** by NL Britton & JN Rose 1922,

(Echinocactus) **heterochromus** (Chihuahua, Durango, Zacatecas) 1940 —> **Thelocactus bicolor** ssp **heterochromus** by A Mosco & C Zanovello 2000,

(Echinocactus) **microsperma** (Argentina) 1896 —> **Parodia microsperma** by CL Spegazzini 1923,

(Echinocactus) **peninsulae** (Baja Calif) 1895 (disc by L Diguet 1894) —> **Ferocactus peninsulae** by NL Britton & JN Rose 1922,

(Echinocactus) **schickendantzii** (Argentina) 1896 (disc by F Schickendantz & nah)

—> **Gymnocalycium schickendantzii** by NL Britton & JN Rose 1922,

(Echinopsis) **deminuta** (Argentina, Bolivia) 1904 —> **Rebutia deminuta** by NL Britton & JN Rose 1923,

(Echinopsis) **schickendantzii** (Argentina, Bolivia) 1898 (disc by F Schickendantz & nah),

(Mamm) **pectinifera** (Puebla) 1898,

(Mamm) **plumosa** (Coahuila, Nuevo Leon) 1898,

(Opuntia) **alcahes** (Baja Calif) 1895 (disc by L Diguet 1894) —> **Cyldropuntia alcahes** by FM Knuth 1936,

(Opuntia) **aquosa** (Jalisco, Durango, Nayarit) 1898 —> **Pereskiopsis aquosa** by NL Britton & JN Rose 1907,

(Opuntia) **australis** (Argentina) 1898 —> **Pterocactus australis** by C Backeberg 1950,

(Opuntia) **cholla** (Baja Calif) 1895 —> **Cylindropuntia cholla** by FM Knuth 1936,

(Opuntia) **diguetii** (Mex) 1898 —> **Pereskiopsis diguetii** by NL Britton & JN Rose 1907,

(Opuntia) **gosseliniana** (Sonora) 1902 (disc by L Diguet 1897 & na R Roland-Gosselin),

(Opuntia) **hyptiacantha** (Aguascalientes, Hidalgo, San Luis Potosi, Guanajuato, Zacatecas) 1898,

(Opuntia) **microdisca** (Catamarca) 1898 —> **Tunilla microdisca** by DR Hunt & J Iliff 2000,

(Opuntia) **pilifera** (Puebla, Oaxaca) 1898,

(Opuntia) **porteri** (Sinaloa, Nayarit, Sinaloa, Baja Calif) 1898 —> **Pereskiopsis porteri** by NL Britton & JN Rose 1907,

(Opuntia) **quitensis** (Ecuador, Peru) 1898,

(Opuntia) **scheeri** (Durango?) 1898 (na F Scheer),

(Opuntia) **schickendantzii** (Argentina) 1898 (na F Schickendantz),

(Opuntia) **verschaffeltii** (Bolivia, Argentina) 1898 (na ACA Verschaffelt) —> **Austrocylindropuntia verschaffeltii** by C Backeberg 1939,

(Pereskia) **guamacho** (Venezuela, Colombia, Bonaire) 1898,

(Petrophyes) **pallens** (Canary slands) 1888 —> **Monanthes pallens** by KHH Christ 1888,

(Phyllocactus) **cartagensis** (Costa Rica) 1902 (disc by C Werckle & A Tonduz c1900) —> **Epiphyllum cartagense** by NL Britton & JN Rose 1913,

(Phyllocactus) **costaricensis** (Colombia, Costa Rica, Panama) 1902 (disc by PA Biolley 1898) —> **Epiphyllum thomasianum** ssp **costaricense** by R Bauer 2003,

(Phyllocactus) **grandilobus** (Costa Rica, Panama) 1902 (disc by C Werckle 1900) —> **Epiphyllum grandilobum** by NL Britton & JN Rose 1913,

(Phyllocactus) **lepidocarpus** (Costa Rica) 1902 (disc by C Werckle c1900) —> **Epiphyllum lepidocarpum** by NL Britton & JN Rose 1913,

(Phyllocactus) **pittieri** (Costa Rica) 1898 (na HF Pittier) —> **Epiphyllum hookeri** ssp **pittieri** by R Bauer 2003,

(Pilocereus) **chrysacanthus** (Puebla, Oaxaca) 1897 —> **Pilosocereus chrysacanthus** by RS Byles & GD Rowley 1957,

(Pilocereus) **gounellei** (Brazil) 1897 (disc by PE Gounelle & nah) —> **Pilosocereus gounellei** by RS Byles & GD Rowley 1957,

(Pilocereus) **macrocephalus** (Puebla) 1898 —> Neobuxbamia macrocephala by EY Dawson 1952,

(Rhipsalis) **biolleyi** (Costa Rica, Panama) 1902 (disc by P Biolley 1899 & nah) —> **Weberocereus Tunilla** ssp **biolleyi** by R Bauer 2003,
(Rhipsalis) **clavata** (Brazil) 1892,
(Rhipsalis) **sulcata** (Brazil) 1898,
(Rhipsalis) **tucumanensis** (Argentina, Bolivia, Peru) 1892 (disc by F Schickendantz 1885) —> **Rhipsalis floccosa** ssp **tucumanensis** by WA Barthlott & NP Taylor 1995;
transfer *species*:
"Cereus ianthothele" (HB de Monville 1839) —> **Pfeiffera ianthothele** 1898;
desc *variety*:
(Cereus trigonus var) **costaricensis** (Costa Rica, Nicaragua) 1902 (disc by A Tonduz) —> **Hylocereus costaricensis** by NL Britton & JN Rose 1909,
(Phyllocactus phyllanthus var) **columbiense** (Colombia, Ecuador) 1898 —> **Epiphyllum hookeri** ssp **columbiense** by R Bauer 2003.

Weber, G;
Book [1989] *Gattungsnamen bei Sukkulenten und Ihre Dedeutung* [w G Mettee] Leipzig; 52p.

†**Weberbauer**, (Dr) August [Augusto, Augustin] (26 Nov 1871–16 Jan 1948); {Weberb.}; Ger botanist, phytogeographer & plant taxonomist; PhD as student of HGA Engler at Berlin Univ 1894; collected in Peru 1901–05; dir of bot garden at Victoria, Cameroon 1906–07; dir of Parque Zoológico y Botánico de Lima, Peru 1908–25 & prof of botany at Univ Nacional Mayor de San Marcos, Lima 1925–32 & prof of pharmaceutical botany at Univ of San Marcos, Lima 1934~;
***genus* nah:**
Weberbauerocereus (Peru) (desc & nah by C Backeberg 1942 & disc by FJF Meyen c1833);
***species* nah:**
(Calandrinia) **weberbaueri** (Peru) (desc & nah by FLE Diels 1906) —> **Cistanthe weberbaueri** by MA Hershkovitz 1991,
(Cotyledon) **weberbaueri** (Amazonas A) (desc & nah by FLE Diels 1906) —> **Sedum weberbaueri** by J Thiede & H 't Hart 1999;
disc *species*:
(Cephalocereus) **melanostele** (Peru) 1903 (desc by FKJ Vaupel 1913) —> **Espostoa melanostele** by J Borg 1937,
(Cereus) **acranthus** (Peru) 1902 (desc by FKJ Vaupel 1913) —> **Haageocereus acranthus** by C Backeberg 1933,
(Cereus) **apiciflorus** (Peru) 1903 (desc by FKJ Vaupel 1913) —> **Corryocactus apiciflorus** by F Buxbaum 1963,
(Cereus) **brachypetalus** (Peru) 1902 (desc by FKJ Vaupel 1913) —> **Corryocactus brachypetalus** by NL Britton & JN Rose 1920,
(Cereus) **brevistylus** (Peru, Chile) 1902 (desc by FKJ Vaupel 1913) —> **Corryocactus brevistylus** by NL Britton & JN Rose 1920,
(Cereus) **decumbens** (Peru, Chile) 1902 (desc by FKJ Vaupel 1913) —> **Haageocereus**

decumbens by C Backeberg 1934,
(Cereus) **micranthus** (Peru) 1902 (desc by FKJ Vaupel 1913) —> **Pfeiffera micrantha** by PV Heath 1994,
(Cereus) **weberbaueri** (Peru) 1902 (desc & nah by FKJ Vaupel 1913) —> **Weberbauerocereus weberbaueri** by C Backeberg 1957,
(Cotyledon) **eurychlamys** (Cajamarca) 1904 (desc by FLE Diels 1906) —> **Echeveria eurychlamys** by A Berger 1930,
(Cotyledon) **virgata** (Peru) 1903 (desc by FLE Diels 1906) —> **Villadia virgata** by C Baehni & JF Macbride 1937,
(Echinocactus) **aurantiacus** (Peru) 1904 (desc by FKJ Vaupel 1913) —> **Matucana aurantiaca** by F Buxbaum 1973,
(Echinocactus) **myriacantha** (Amazonas A, Cajamarca, La Libertad) 1904 (desc by FKJ Vaupel 1913) —> **Matucana haynei** ssp **myriacantha** by R Mottram 1997,
(Echinocactus) **weberbaueri** (Amazonas A) 1904 (desc & nah by FKJ Vaupel 1913) —> **Matucana weberbaueri** by C Backeberg 1939,
(Euphorbia) **weberbaueri** (Cajamarca) 1904 (desc & nah by R Mansfeld 1931),
(Melocactus) **peruvianus** (Ecuador, Peru) 1903 (desc by FKJ Vaupel 1913),
(Opuntia) **dactylifera** (Argentina, Bolivia, Peru, Chile) 1902 (desc by FKJ Vaupel 1913) —> **Cumulopuntia boliviana** ssp **dactylifera** by DR Hunt 2002, (Opuntia) **lagopus** (Peru, Bolivia) c1902 (desc by KM Schumann 1903) —> **Austrocylindropuntia lagopus** by I Crook, J Arnold & M Lowry 2003,
(Sedum) **berillonianum** (Peru) 1910 (desc by Raymond-Hamet 1913 & na E Berilloni).
(Villadia) **reniformis** (Cajamarca) 1904 (desc by HJH Jacobsen 1958) —> **Sedum reniforme** by J Thiede & H 't Hart 1999.

†**Weberling**, (Prof) (Dr) **Focko** HE (6 Mar 1926–24 Feb 2009); {Weberling}; Ger botanist; student of W Troll w DSc at Mainz Univ 1953; prof at Univ of Ulm, Ger 1975~;
Book [1981] *Infloreszenzstudien an Aizoaceen, Mesemb und Tetragoniaceen* [w W Troll] Mainz, West Ger; Ger; 99p.

†**Webster**, [née Devine,] Gertrude Adelaide (1872–30 Mar 1947); US philanthropist & cacti hobbyist; pres of Arizona Cactus & Native Flora Soc 1939; co-founder of Desert Bot Garden, Papago Park, Phoenix, Arizona w Gustaf Starck 1939; first spouse wealthy Wm McClellan Ritter (1864–1952) w lumber company; second spouse Hugh M Webster;
species **nah:**
(Echinocereus) **websterianus** (San Pedro Nolasco Island in Gulf of Calif off Baja Calif) (desc & nah by GE Lindsay 1947 & disc by IM Johnston 1921).

†**Webster**, (Prof) (Dr) Grady Linder, Jr (14 Apr 1927–27 Oct 2005); {G.L.Webster}; US botanist, systematist, biogeographer & pollination ecologist; PhD in botany at Univ of Michigan 1954; assistant prof of botany at Purdue Univ

1958–66; prof of botany & dir of arboretum at Univ of Calif, Davis 1966–93 & dir of Tucker herbarium; pres of Bot Soc of Amer, Calif Bot Soc & Amer Soc of Plant Taxonomists; explored in mainland Mex, Baja Calif, Caribbean Islands, Central Amer, S Amer & Africa; specialist in Euphorbiaceae; Asa Gray Award 2005; spouse Barbara Anne [née Donahue] Webster;
Book [1979] *Morphology & Infrageneric Relationships of the Genus Jatropha (Euphorbiaceae)* [w B Dehgan] Berkeley, Calif; Eng; 73p + 33 plates;
***species* nah:**
(Euphorbia) **gradyi** (Oaxaca, Puebla) (desc & nah by VW Steinmann & A Ramirez-Roa 1999 & disc by J Rzedowski 1959);
desc *species*:
(Jatropha) **giffordiana** [w B Dehgan] (Baja Calif) 1978,
(Jatropha) **mcvaughii** [w B Dehgan] (Sinaloa, Durango) 1978 (na R McVaugh),
(Jatropha) **moranii** [w B Dehgan] (Baja Calif) 1978.

Weedin, James [**Jim**] Frank (17 Dec 1949–); US biologist; MS at Sul Ross State Univ, Alpine, Texas 1976; prof of biology/geology at Community College of Aurora, Colorado 1981~; research associate w Chihuahuan Desert Research Institute 1975; specializes in geography & cytology of Trans-Pecos Texas cacti; member of CSSA; VP of Colorado C&SS 1988–89; spouse Teresa Faye [née Johnson] Weedin;
Book [2004] *Cacti of the Trans-Pecos & Adjacent Areas* [w AM Powell] Lubbock, Texas; Eng; 509p w 64 color plates,
[2008] *Cacti of Texas—A Field Guide (w Emphasis on the Trans-Pecos Species)* [w AM Powell & SA Powell] Lubbock; Eng; 383p w over 300 color photos.

Wegman, Frans W; Netherlands;
Book [1983] *Alles Over Cactussen en Vetplanten* Glarus; Dutch; 128p.

Weidner Zoehfeld, Kathleen; US; Berkeley, Calif; writer of children's books;
Book [1997] *Cactus Café : a Story of the Sonoran Desert* Norwalk, Connecticut; Eng; 28p; (w illustrations by Paul Mirocha).

†**Weigang**, (Mr) ? (fl. 1923);
***species* nah:**
(Mesemb) **weigangianum** (Great Namaq) (desc & nah by MK Dinter 1923) —> **Leipoldtia weigangiana** by MK Dinter & MHG Schwantes 1937.

Weightman, Wm [Bill] (1932–); British member of West Kent, Croydon & Bromley Branches; chairman of Bromley Branch over 30 yrs; RHM award 2007;
Book [2006] *Ariocarpus et cetera, The Special, Smaller Genera of Mexican Cacti* [w JW Pilbeam] Eng; Eng; 140p.

Weihofen, Jürgen;
Book [2000] *Agavendicksaft — Die Naturliche Sonnensusse* [w J Braun] Troisdorf; 96p.

†**Weimarck**, August Henning (22 May 1903–12 Jun 1980); {Weim.}; Swedish botanist; prof at Univ of Lund, Sweden; collected in RSA & Rhodesia w TCE Fries & NT Norlindh 1930–31;
desc *species*:
(Brachystelma) **hirtellum** (Limpopo, Zimbabwe) 1935,
(Schizoglossum) **lanatum** (Tanzania, Zimbabwe) 1935 —> **Aspidoglossum lanatum** by FJ Kupicha 1984,
(Schizoglossum) **rhodesicum** (Zimbabwe, Mozambique) 1935 —> **Aspidoglossum rhodesicum** by FJ Kupicha 1984.

†**Weinberg**, Frank (–1941); {Weinberg}; Ger to US; nurseryman in Long Island, NY c1901 & later in Calif w nursery *Cactus Corner*; managed garden at *Mar i Murtra*, Blanes, Costa Brava, Spain ≈1921; cactus dealer;
Book [1906] *Catalogue of Cacti. Novelties, Odd & Rare Plants a Specialty* Woodside, Illinois; Eng; 76pw woodcut illustrations;
***species* nah:**
(Byrnesia) **weinbergii** (desc & nah by JN Rose 1922),
(Echinocereus) **weinbergii** (Mex) (desc & nah by W Weingart 1912) —> **Echinocereus pulchellus** ssp **weinbergii** by NP Taylor 1997,
(Lenophyllum) **weinbergii** (Coahuila) (desc & nah by NL Britton 1904).

†**Weingart**, Wilhelm (4 Sep 1856–31 Aug 1936); {Weing. or Weingt.}; Thuringen, Ger; manufacturer, amateur botanist & hybridizer;
expert on cerei & opuntias;
***genus* nah:**
Weingartia (desc & nah by E Werdermann 1939) (syn of Rebutia);
***species* nah:**
(Cereus) **weingartianus** (Hispaniola) (desc & nah by E Dams 1904) —> **Leptocereus weingartianus** by NL Britton & JN Rose 1920,
(Mamm) **weingartiana** (Nuevo Leon) (desc by F Boedeker 1932 & disc by F Ritter 1931);
desc *species*:
(Cereus) **cinnabarinus** (Guatemala, Chiapas) 1910 (disc by EW Nelson 1896) —> **Disocactus speciosus** ssp **cinnabarinus** by R Bauer 2003,
(Cereus) **hondurensis** (Honduras, Guatemala, Nicaragua) 1904 —> **Selenicereus grandiflorus** ssp **hondurensis** by R Bauer 2003,
(Cereus) **maculatus** (Guerrero) 1933 (disc by F Ritter 1932) —> **Peniocereus maculatus** by LT Cutak 1951,
(Cereus) **nelsonii** (Oaxaca) 1923 (na CZ Nelson) —> **Selenicereus nelsonii** by NL Britton & JN Rose 1923,
(Cereus) **regelii** (Argentina) 1910 (na EA von Regel) —> **Harrisia regelii** by FJ Borg 1937,
(Cereus) **schmollii** (Hidalgo, Queretaro) 1931 (na F Schmoll) —> **Echinocereus schmollii** by NP Taylor 1985,

(Cereus) **tominensis** (Bolivia) 1931 (disc by C Troll 1926/28) —> **Cleistocactus tominensis** by C Backeberg 1936,

(Echinocereus) **weinbergii** (Mex) 1912 (na F Weinberg) —> **Echinocereus pulchellus** ssp **weinbergii** by NP Taylor 1997,

(Phyllocactus) **eichlamii** (Guatemala) 1911 (disc by F Eichlam1905 & nah) —> **Disocactus eichlamii** by NL Britton & JN Rose 1913.

Weinmann, Johann Wilhelm (13 Mar 1683–12 Aug 1741); {J.W.Weinm.}; Ger apothecary & amateur botanist in Regensburg; had large collection of plants; pub many engravings in 1700s in Amsterdam, Netherlands;
first spouse Isabella Catharina [née Furst] Weinmann (–1730);
second spouse Christine Catharina [née Pfaffenreuther] Weinmann;
Book [1736–48] *Phytanthoza Iconographia* Ratisbon; Ger/Dutch;
(in 4 Vols w half of 1,000 plates painted by GD Ehret),

[1739–48] *Taalryk Register Der Plaat* Amsterdam; in 4 parts w 1025 plates (some of Aloes).

Weissbeck, Sascha;
Book [2010] *Faszination Bunt die Welt der Panaschierten Yuccas* [w T Boeuf & A Heim] Muenster, Ger; Ger; 135p w color photos.

†**Weisse**, (Prof) (Dr) Arthur [Friedrich Hermann] (25 Jan 1861–25 Dec 1936); {A.Weisse}; Ger botanist & morphologist; PhD at Berlin Univ 1889; teacher & prof at Berlin Zehlendorf 1898–21; dedicated to morphology of theory of phyllotaxis at Bot Museum, Dahlem;
Book [1903] *Untersuchung über die Blattstellung an Cacteen und Anderen Stamm-Succulenten….* Leipzig, Ger; Ger; 79p.

†**Weldt**, Eduardo; {Weldt}; Chilean botanist;
transfer *species*:

"Polyachyrus multifidus" (D Don 1832) to **Polyachyrus poeppigii** var **multifidus** [w M Ricardi] 1974.

Welham, [née Moore,] Marina J; Canada in Sidney, British Columbia; founder & editor of bi-monthly *The Amateurs' Digest*, an international publication based in Canada, 1989~;
spouse Roy Welham (–2015);
Book [1994] *Succ from Scratch* Sidney; Eng; 35p; (updated 2009 w 52p);

[2003] *Fun & Fotos (crossword puzzles, photos & information of succ)* Sidney; Eng; 35p,

[2005] *Cold hardy C&OS by Zone* Sidney; Eng; 8p; (updated 2009 w 40p)

Contributing Editor of the following booklets; Sydney; Eng;

[2000] *C&S from Seeds*; 50p; (updated 2009),

[2000] *Cactus Grafting Made Easy*; 20p,

[2000] *Growing Under Lights*; 27p,

[2000] *Lithops*; 13p,

[1994–98] *Caudiciforms*; booklets 1–10 from *Digest* Vols 3–11; 455p,

[1999–2004] *Caudiciforms*; booklets 11–16 from *Digest* Vols 12–15; 308p,
[2005–06] *Caudiciforms*; booklets 17–18 from *Digest* Vols 16–17; 88p,
[May 2007–Mar 08] *Caudiciforms*; booklet 19 from *Digest* Vol 18,
[May 2007–Mar 08] *Caudiciforms*; booklet 20 from *Digest* Vol 18; (including 2007 Special Edition).

†**Welles**, Philip (27 Mar 1913–21 Sep 1977); US biologist; degree at Univ of Arizona; biologist at Arizona Game & Fish Commission, 4 yrs w Bureau of Animal Industry in Mex, & US Natl Park Service 1952~; spouse Elizabeth Welles;
Book [1960] *Meet the Southwest Deserts* Globe, Arizona; Eng; 82p (photography by Marvin H Frost, Sr).

Welsch, Rob & Yasna; horticulturists;
disc *species*:
(Gasteria) glauca (Eastern Cape) (desc by EJ van Jaarsveld 1998).

Welsh, Blaine Tree (1956–); US;
***species* nah:**
(Sclerocactus) **blainei** (Utah, Nevada) 1980 (desc & nah by SL Welsh & KH Thorne 1985) —> **Sclerocactus spinosior** ssp **blainei** by F Hochstatter 1995.

Welsh, (Prof) (Dr) Stanley Larson (1928–); {S.L.Welsh}; US taxonomist;
PhD in systematics at Iowa State Univ, Ames, Iowa; prof of botany & range science at Brigham Young Univ, Utah & was founder & curator of the Stanley L Welsh Herbarium nah for 4née Tree] Welsh;
desc *species*:
(Pediocactus) **despainii** [w S Goodrich] (Utah) 1980 (disc by K Despain 1978 & nah) —> **Pediocactus bradyi** ssp **despainii** by F Hochstatter 1995.
(Sclerocactus) **blainei** [w KH Thorne] (sw Utah into Nevada) 1985 (disc by Blaine T Welsh 1980 & nah) —> **Sclerocactus spinosior** ssp **blainei** by F Hochstatter 1995,
(Talinum) **thompsonii** [w ND Atwood] (Arizona) 1985 (na R Thompson),
(Yucca) **toftiae** (Utah) 1975 (na CA Toft) —> **Yucca angustissima** var **toftiae** by JL Reveal 1977.

Welter, Antoinette;
Book [1977] *Étude d'un Complexe Polyploïde Sempervivum arachnoideum (Crassulaceae) dans la flore d'Europe Centrale et Méridionale* Grenoble, France; French; 89p.

†**Welwitsch**, [Welvich,] (Dr med) Friedrich [Frederick] Martin Josef [Joseph] (25 Feb 1806–20 Oct 1872); {Welw.}; Austrian physician, scientist, zoologist, naturalist & botanist; MD at Wien Univ 1836; dir of bot garden at Lisbon, Portugal 1839–53; dir of bot garden at Coimbra, Portugal; curator at Lisboa Polytechnic, Portugal; explored Portuguese colony of Angola, Africa & Namib coastal region of Namibia 1853–61;

worked on his collection in Portugal 1861–63; to London 1863~; FLS 1865;
Book [1869] *Sertum angolense*; 94p; (covers succ w plates of Adenia, Corallocarpus, Pachypodium, Sesamothamnus),

[1896–1901] *Catalogue of the African Plants Collected in 1853–61;* pub after death by WP Hiern; London, Eng; (2 Vols in 6 parts—see WP Hiern);

***genus* nah:**

Welwitschia (Namibia) (desc & nah by JD Hooker 1859);

desc *genera*:

Acanthosicyos (Namibia, Angola, Cape) 1869,

Sesamothamnus (Africa) 1869,

Tavaresia (RSA, Angola, Namibia, Botswana, Zimbabwe) 1854 (na J Tavares de Macedo);

***species* nah:**

(Ipomoea) **welwitschii** (Angola, Namibia, Botswana, Zimbabwe, Zambia, Tanzania, Malawi) (desc & nah by HG Hallier 1893),

(Kalanchoe) **welwitschii** (Angola) (desc & nah by J Britten 1971),

(Modecca) **welwitschii** (Congo Rep, Angola, Zaire) 1871 (desc & nah by MT Masters) —> **Adenia welwitschii** by HGA Engler 1891,

(Rhynchocarpa) **welwitschii** (RSA, Namibia, Angola, Zaire) (desc & nah by CV Naudin 1862) —> **Corallocarpus welwitschii** by JD Hooker 1867.

(Stathmostelma) **welwitschii** (Zaire, Zambia, Tanzania, Uganda, Sudan, Angola) (desc & nah by J Britten & AB Rendle 1894);

disc *species*:

(Aizoon) **mossamedense** (Angola) 1871 —> **Aizoanthemum mossamedense** by CH Friedrich 1960,

(Aloe) **andongensis** (Angola) (desc by JG Baker 1878),

(Aloe) **angolensis** (Angola) 1858 (desc by JG Baker 1878),

(Aloe) **littoralis** (Angola, Botswana, Mozambique, Namibia, Zambia, Zimbabwe, RSA) 1854 (desc by JG Baker 1878),

(Aloe) **zebrina** (Angola, Botswana Zambia, Mozambique, Zimbabwe, Malawi, Namibia, Gauteng, Mpumalanga, Limpopo) 1854 (desc by JG Baker 1878),

(Caralluma) **huillensis** (Angola, Zimbabwe, Zambia, Botswana) c1860 (desc by W Hiern 1898) —> **Orbea huillensis** by PV Bruyns 2001,

(Euphorbia) **subsalsa** (Angola) 1855 (desc by WP Hiern 1900),

(Hoodia) **parviflora** (Angola, Namibia) c1860 (desc by NE Brown 1895),

(Huernia) **similis** (Angola) c1855 (desc by NE Brown 1895),

(Tavaresia) **angolensis** (Angola, Namibia) 1853 (desc by him 1854),

(Welwitschia) **mirabilis** (Namibia) 1959 (desc by JD Hooker 1859);

desc *species*:

(Acanthosicyos) **horrida** 1869,

(Dorstenia) **benguellensis** (Sudan to Cameroon to Angola, Zimbabwe, Mozambique) 1869,

(Dorstenia) **vivipara** (Angola) 1869,

(Heterosicyos) **polymorphus** (Angola, Mozambique, Zambia, Zimbabwe, Tanzania) 1869 —> **Trochomeria polymorpha** by CA Cogniaux 1881,

(Machadoa) **huillensis** (Angola) 1869 —> **Adenia huillensis** by A & RMS Fernandes 1958,
(Pachypodium) **lealii** (Angola, Namibia) 1869 (disc by him 1859 & na F Leal),
(Pterodiscus) **aurantiacus** (Angola, Namibia, Botswana) 1869,
(Sesamothamnus) **benguellensis** (Angola, Namibia) 1869,
(Sesuvium) **crithmoides** (Angola) 1858;

transfer *species*:

"Adenium namaquanum" (WH Harvey 1863) —> **Pachypodium namaquanum** 1869.

†**Wendland**, Heinrich Ludolph (29 Apr 1791–15 Jul 1869); {H.L.Wendl.}; Ger botanist & gardener; garden inspector at Herrenhausen, near Hannover, Ger 1828~; father JC Wendland;

desc *species*:

(Melocactus) **caesius** (Venezuela, Colombia) 1840 —> **Melocactus curvispinus** ssp **caesius** by NP Taylor 1991,
(Pelargonium) **multiradiatum** (Western Cape) 1809.

†**Wendland**, Johann Christoph (17 Jul 1755–27 Jul 1828); {J.C.Wendl.}; Ger botanist & gardener at Herrenhausen, near Hannover, Ger 1780–17 & garden inspector 1817~; created illustrations for own published works; son HL Wendland;

Book [1805–19] *Collectio Plantarum Tam Exoticarum, Quam Indigenarum*.... Hanover, Ger; Latin/Ger; (3 Vols in 14 parts w 84 leaves of plates);

[1805] Vol 1, Part 1; 27p w 6 plates;
[1805] Vol 1, Part 2; 16p w 6 plates;
[1806] Vol 1, Part 3; 15p w 6 plates;
[1806] Vol 1, Part 4; 12p w 6 plates;
[1806] Vol 1, Part 6; 14p w 6 plates;
[1807] Vol 1, Part 5; 12p w 6 plates;
[1808] Vol 2, Part 1; 15p w 6 plates;
[1808] Vol 2, Part 2; 18p w 4 plates;
[1809] Vol 2, Part 3; 12p w 6 plates;
[1809] Vol 2; Part 4; 12p w 6 plates;
[1810] Vol 2; Part 5; 12p w 6 plates;
[1810] Vol 2; Part 6; 12p w 6 plates;
[1811] Vol 3, Part 1; 12p w 4 plates;
[1819] Vol 3, Part 2; 16p w 6 plates;

desc *species*:

(Pelargonium) **alternans** (Western Cape) 1798.

Wendt, (Prof) (Dr) Thomas Leighton (1950–); {T.Wendt]; US botanist & pteridologist; prof at Louisiana State Univ; prof of botany at Univ of Texas;

***species* nah:**

(Agave) **wendtii** (Veracruz) (desc & nah by M Chazaro Basanez 1995).

†**Weniger**, (Prof) Delbert [**Del**] Kenneth (10 May 1923–10 Jul 1999); US biologist & naturalist; college prof of biology & ecology at Our Lady of the Lake College, San Antonio, Texas 1960–88); explored & collected in Texas & surrounding states;

Book [1970] *Cacti of the Southwest* Austin, Texas; Eng; 328p w 183 color photos,

[1984] *Cacti of Texas & Neighboring States (A Field Guide To)* Austin; Eng; 356p w 186 color plates; (includes cacti of Texas, New Mex, Oklahoma, Arkansas & Louisiana);

desc *species*:

(Echinocereus) **russanthus** (Chihuahua, Texas) 1969 (disc by him 1968);

***variety* nah:**

(Echinocereus pectinatus var) **wenigeri** (Texas into Mex) (desc & nah by LD Benson 1968 & disc by LD Benson 1965) —> **Echinocereus pectinatus** ssp **wenigeri** by W Blum & J Rutow 1998.

Wennstrom, [Wennström,] (Dr) Anders; Swedish biologists & nurserman; PhD in ecology at Commonwealth Scientific & Industrial Research Organization (CSIRO) 1993; owner [w K Stenman] of nursery *Botanova*; working at Umeå Univ administration & as researcher 1994–2015; interested in Hoyas;

Book [2008] *The Genus Hoya*—Species & Cultivation [w K Stenman] Umea, Sweden; 144p w 250+ color photos.

†**Werckle**, [Wercklé,] Carl [Karl, Carlos]; (18 Jul 1860–24 Nov 1924); {Werckle}; French botanist & horticulturist; to US c1890; explored in Costa Rica 1897–98; horticulturist in NY 1898–1902 & in Costa Rica 1902~;

***genus* nah:**

Werckleocereus (Guatemala, Costa Rica) (desc & nah by NL Britton & JN Rose 1909) (syn of Weberocersus);

disc *species*:

(Phyllocactus) **cartagensis** [w A Tonduz] (Costa Rica) c1900 (desc by FAC Weber 1902) —> **Epiphyllum cartagense** by NL Britton & JN Rose 1913,

(Phyllocactus) **grandilobus** (Costa Rica, Panama) 1900 (desc by FAC Weber 1902) —> **Epiphyllum grandilobum** by NL Britton & JN Rose 1913,

(Phyllocactus) **lepidocarpus** (Costa Rica) c1900 (desc by FAC Weber 1902) —> **Epiphyllum lepidocarpum** by NL Britton & JN Rose 1913,

(Rhipsalis) **himantoclada** (Costa Rica) 1907 (desc by R Roland-Gosselin 1909) —> **Pseudorhipsalis himantoclada** by NL Britton & JN Rose 1923;

desc *species*:

(Agave) **wercklei** (Costa Rica) 1907 (na C Werckle).

†**Werdermann**, (Prof) (Dr) **Erich** (2 Mar 1892–20 Apr 1959); {Werd. or Werderm.}; Ger anatomist, plant physiologist, biologist, plant geographer & botanist; PhD at Berlin Univ 1919; specialized in Cactaceae & fungi; worked at bot museum & herbarium, Berlin-Dahlem 1921~ & prof of botany, curator & dir 1927~;

explored & collected in Chile & Bolivia 1923–27, in Brazil 1932, in Mex 1933,
in Greece 1937 & in RSA & Namibia 1958~; pres of DKG 1927–34;
founding member of IOS 1950;spouse Hildegard [née Houser] Werdermann;
Book [1931–39] *Blühende Kakteen und andere Sukkulente Pflanzen* Berlin, Ger; Ger;
(in 42 parts w 168 color plates),
[1931] *Neue Kakteen* [w C Backeberg] Frankfurt, Ger,
[1933] *Brasilien und seine Saulenkakteen* [= Brazil & Its Columnar Cacti] Neudamm; Ger;
122p; (1942 Eng edition *Brazil & Its Columnar Cacti* Pasadena, Calif; 122p; translated by
RW Kelly & published by SE Haselton),
[1937] *Mein Kakteen* [w H Socnik] Frankfurt; Ger; 239p w 4 color plates,
[1938] *Ceropegia in Belgian Congo*; Ger;
***genus* nah:**
Neowerdermannia (Peru, Bolivia, Chile, Argentina) (desc & nah by AV Fric 1930);
desc *genera*:
Blossfeldia (Argentina, Bolivia) 1937 (na H Blossfeld),
Weingartia (Bolivia, Argentina) 1937 (na W Weingart) (syn of Rebutia K SCHUMANN);
***species* nah:**
(Coryphantha) **werdermannii** (Coahuila) (desc & nah by F Boedeker 1929 & disc by F Ritter
1928),
(Notocactus) **werdermannianus** (Uruguay) (desc & nah by WF Herter 1942) —> **Parodia
werdermanniana** by NP Taylor 1987,
(Portulaca) **werdermannii** (Bahia) (desc & nah by JKL von Poellnitz 1933),
(Trichocereus) **werdermanniana** (Bolivia) (desc & nah by C Backeberg 1936)
—> **Echinopsis werdermanniana** by CH Friedrich & GD Rowley 1974;
disc *species*:
(Cephalocereus) **polyanthus** (Bahia) 1933 (desc by him 1933) —> **Micranthocereus
polyanthus** by C Backeberg 1942,
(Pachyphytum) **werdermannii** (Tamaulipas) 1933 (desc & nah by JKL von Poellnitz 1937);
desc *species*:
(Ariocarpus) **strobiliformis** (Nuevo Leon, Tamaulipas) 1927 (disc by H-W Viereck c1927)
—> **Pelecyphora strobiliformis** by KG Kreuzinger 1935,
(Blossfeldia) **liliputana** (Argentina, Bolivia) 1937 (disc by H Blossfeld & O Marsoner 1936),
(Cephalocereus) **blossfeldiorum** (Peru) 1937 (disc by H Blossfeld & nah & R Blossfeld)
—> **Espostoa blossfeldiorum** by F Buxbaum 1959,
(Cereus) **cephalomacrostibas** [w C Backeberg] (Peru) 1931 —> **Weberbauerocereus
cephalomacrostibas** by F Ritter 1981,
(Cereus) **deserticola** (Antofagasta) 1929 (disc by him 1925) —> **Echinopsis deserticola** by
H von Friedrich & GD Rowley 1974,
(Cereus) **microspermus** [w C Backeberg] (Peru) 1931 —> **Browningia microsperma** by
WT Marshall 1946,
(Cereus) **minensis** (Brazil) 1933 (disc by him 1932) —> **Cipocereus minensis** by F Ritter
1979,
(Cereus) **platinospinus** [w C Backeberg] (Peru) 1931 —> **Haageocereus platinospinus** by

C Backeberg 1936,

(Cereus) **pseudomelanostele** [w C Backeberg] (Peru) 1931 —> **Haageocereus pseudomelanostele** by C Backeberg 1934,

(Cereus) **versicolor** [w C Backeberg] (Peru) 1931 —> **Haageocereus versicolor** by C Backeberg 1935,

(Ceropegia) **claviloba** (Zimbabwe, Tanzania, Malawi, Zaire, Zambia) 1939,

(Ceropegia) **gilgiana** (Tanzania, Zambia) 1939 (na EF Gilg),

(Coryphantha) **vogtherriana** [w F Boedeker] (San Luis Potosi) 1932 (disc by H-W Viereck 1931 & na H Vogtherr),

(Echinocactus) **gielsdorfianus** (Tamaulipas) 1929 (na K Gielsdorf) —> **Turbinicarpus gielsdorfianus** by V John & J Riha 1983,

(Echinocactus) **hastifer** [w F Boedeker] (Queretaro) 1931 —> **Thelocactus hastifer** by FM Knuth 1936,

(Echinocactus) **herteri** (Uruguay, Brazil) 1936 (disc by WGF Herter 1933 & nah) —> **Parodia herteri** by NP Taylor 1987,

(Echinocactus) **macrochele** (San Luis Potosi) 1931 —> **Turbinicarpus schmiedickeanus** ssp **macrochele** by NP Taylor 1998,

(Echinocactus) **schwebsianus** (Cochabamba) 1930 (na W Schwebs) —> **Parodia schwebsiana** by C Backeberg 1935,

(Echinocactus) **taltalensis** (Chile) 1929 (disc by IM Johnston 1925) —> **Copiapoa taltalensis** by G Looser 1929,

(Echinocactus) **vaupelianus** (San Luis Potosi) 1931 (na FKJ Vaupel) —> **Stenocactus vaupelianus** by FM Knuth 1936,

(Echinocactus) **viereckii** (Tamaulipas, Nuevo Leon) 1931 (na H-W Viereck) —> **Turbinicarpus viereckii** by V John & J Riha 1983,

(Echinocereus) **viereckii** (Tamaulipas) 1934 (na H-W Viereck),

(Echinopsis) **backebergii** (Bolivia, Peru) 1931 (na C Backeberg),

(Echinopsis) **chrysantha** (Salta) 1931 (disc by AV Fric, CC Hosseus, E Stuemer & O Marsoner 1930),

(Echinopsis) **chrysochete** (Bolivia, Argentina) 1936 (disc by O Marsoner 1934),

(Echinopsis) **densispina** (Jujuy) 1934,

(Echinopsis) **marsoneri** (Argentina) 1932 (na O Marsoner),

(Huernia) **volkartii** [w A Peitscher] (Angola, Namibia, Zimbabwe, Mozambique) 1936 (disc by J Gossweiler ≈1935 & na G Volkart),

(Kalanchoe) **peteri** (Tanzania) 1936 (na GA Peter),

(Mamm) **ekmanii** (Haiti) 1931 (disc by EL Ekman 1928 & nah),

(Mamm) **guelzowiana** (Durango) 1928 (na R Gülzow),

(Mamm) **hahniana** (Guanajuato, Queretaro) 1929 (disc by F Schmoll & na A Hahn),

(Mamm) **herrerae** (Queretaro) 1931 (na FL Herrera),

(Mamm) **microhelia** (Queretaro) 1930,

(Melocactus) **salvadorensis** (Bahia) 1934 (disc by him 1932),

(Opuntia) **hypogaea** (Argentina, Bolivia) 1931 (disc by E Stumer) —> **Maihueniopsis hypogaea** by F Ritter 1980,

(Pilocereus) **aurisetus** (Minas Gerais) 1933 (disc by him 1932) —> **Pilosocereus aurisetus** by RS Byles & GD Rowley 1957,
(Pilocereus) **glaucochrous** (Bahia) 1933 (disc by him 1932) —> **Pilosocereus glaucochrous** by RS Byles & GD Rowley 1957,
(Pilocereus) **tuberculatus** (Brazil) 1933 (disc by him 1932) —> **Pilosocereus tuberculatus** by RS Byles & GD Rowley 1957,
(Rebutia) **steinbachii** (Bolivia) 1931 (na J Steinbach),
(Rhipsalis) **epiphylloides** [w PC Porto] (Brazil) 1935 —> **Hatiora epiphylloides** by F Buxbaum 1957,
(Tacinga) **atropurpurea** (Bahia) 1934,
(Thelocactus) **lophophoroides** (San Luis Potosi) 1934 —> **Turbinicarpus lophophoroides** by F Buxbaum & C Backeberg 1937,
(Umbilicus) **serpentinicus** (Turkey) 1938 —> **Prometheum serpentinicum** by H 't Hart 1995,
(Weingartia) **neumanniana** (Jujuy) 1937 —> **Rebutia neumanniana** by DR Hunt 1987;
transfer *species*:
"Cephalocereus ulei" (RLA Gurke 1908) —> **Facheiroa ulei** 1933,
"Echinocactus famatimensis" (CL Spegazzini 1921) —> **Echinopsis famatimensis** 1931,
"Echinocactus pflanzii" (FKJ Vaupel 1923) —> **Gymnocalycium pflanzii** 1935,
"Echinocactus pilosus" (JFM Salm-Dyck 1850) —> **Ferocactus pilosus** by E Werdermann 1933,
"Echinocactus thionanthum" (CL Spegazzini 1905) —> **Echinopsis thionantha** 1931;
desc *variety*:
(Mamm herrerae var) **albiflora** (Guanajuato) 1931 —> **Mamm albiflora** by C Backeberg 1937.

Werger, (Prof) (Dr) Marinus Johannes Antonius (3 May 1944–); Dutch ecologist; PhD at Univ of Nijmegen 1973; prof in dept of geobotany at Univ of Nijmegen 1974; later at Utrecht Univ ≈1992; collected in RSA;
Book [1991] *Life Strategies of Succ in Deserts (w Special Reference to the Namib Desert)* [w BM Eller, DJ von Willert, E Brinkmann &H-D Ihlenfeldt] Cambridge, Eng; Eng; 360p.

Wertel, Hans Peter (fl. 1965); {Wertel};
Book [1976] *Vergleichend-Morphologische und Entwicklungsgeschichtliche Untersuchungen über Bau und Stellung der Infloreszenzen bei Einigen Stapelieen-Gattengen (Family Asclepiadaceae)*; Ger; 70p;
desc *species*:
(Caralluma) **lavrani** [w WHH Rauh] (Yemen) 1965 (na JJ Lavranos).

†**Weskamp**, Walter (1911–7 Jul 1997); {Weskamp}; Ger horticulturist; collected in Argentina; specialized in Parodia genus;
Book [1987–97] *Die Gattung Parodia* Kiel, Ger; Ger; (in 3 Vols);
[1987] Vol 1, 600p w 107 color photos;

[1992] Vol 2, 175p;
[1997] Vol 3, 268p w 7 color photos.

†**Wessner**, Wilhelm [**Willi**] (6 Jun 1904–10 May 1983); {Wessn.}; Ger cactus gardener & expert; owner of garden in Muggensturm, Ger; wrote about Lobivias & Rebutias;
IOS member 1955;
desc *species*:
(Lobivia) **tiegeliana** (Bolivia) 1939 (disc by F Ritter 1931 & na E Tiegel) —> **Echinopsis tiegeliana** by DR Hunt 1991,
(Lobivia) **ritteri** (Bolivia, Argentina) 1938 (disc by F Ritter 1931 & nah) —> **Rebutia ritteri** by AFH Buining & JD Donald 1963.

†**West**, James (31 Aug 1886–1939); {J.West}; Ger whose true identity was *Egon Viktor Moritz Karl Maria von Ratibor und Corney, Prinz zu Hohenlohe-Schillingsfurst*; to US c1914; horticulturist & landscape garden designer in Calif; one of 3 people that founded CSSA in 1928 [w GA Frick & AD Houghton]; helped create Berkeley Bot Succ Garden, Calif 1932; explored in Paraguay, Bolivia, Argentina, Peru, Chile, Ecuador, Central Amer, & Mex 1935–37 (w TH Goodspeed in S Amer 1935–36), collecting some 4,000 plant specimens; writer & photographer for CSSA C&S Journal in early years; founding member of California Horticultural Society in 1935;
Book [1930] *C&OS (an annotated list of plants cultivated in the Santa Barbara, Calif, region)* [w EO Orpet, EE Walther & R Hoffmann] Santa Barbara, Calif; Eng; 107p; (edited by P Chase);
***species* nah:**
(Echeveria) **westii** (Peru) (desc & nah by EE Walther 1972),
(Lobivia) **westii** (Peru) (desc & nah by PC Hutchison 1954) —> **Echinopsis maximiliana** ssp **westii** by M Lowry 2003.

†**West**, (Dr) Oliver (10 Aug 1910–); RSA ecologist; DSc w thesis on "The Vegetation of the Weenen County, Natal" at Witwatersrand Univ 1951; worked in pasture research positions 1938~; collected in Kenya 1940, in Zambia 1947–51& in RSA;
Book [1974] *A Field Guide to the Aloes of Rhodesia* Salisbury, Rhodesia; Eng; 96p w 85 color photos,
[1992] *Aloes of Zimbabwe* [w MJ Kimberley] Harare, Zimbabwe; Eng; 107p w 85 color photos; (2nd rev edition of 1974 *A Field Guide to the Aloes of Rhodesia*).

†**Westhead**, (Miss) Dorothy; London, Eng;
***species* nah:**
(Aloe) **dorotheae** (Tanzania) (desc & nah by A Berger 1908).

†**Westhuizen**, (Dr) ? van der;
disc *species*:
(Lithops) **verruculosa** (Northern Cape) 1939 (desc by GC Nel 1943).

†**Weston**, Julian A;
Book [1937] *Cactus Eaters* London, Eng; Eng; 250p; (Amer anthropology/archaeology on Goajiro Indians La Guajira).

†**Weston**, Richard (1733–20 Oct 1806); {Weston}; British agricultural writer & thread-hosier at Leicester & secretary of Leicester Agricultural Soc;
desc *species*:
(Mesemb) **felinum** (Eastern Cape, Western Cape) 1770 —> **Faucaria felina** by MHG Schwantes 1926;
desc *variety*:
(Mesemb deltoides var) **majus** (RSA) 1770 —> **Oscularia major** by MHG Schwantes 1949.

Westphal, A;
Book [1984] *Landwirtschaftliche Nutzung von Kakteen und ihre Problematik* Giessen, Ger; Ger; 156p.

Wet, BC de;
Book [1993] *Plants of Southern Africa (names & distribution)* [w TH Arnold] Pretoria, RSA; 825p.

†**Wet**, (Mr) JF de; headmaster at Vryheid Junior School, RSA;
***species* nah:**
(Aloe) **dewetii** (Natal, Mpumalanga, Swaziland) (desc & nah by GW Reynolds 1937);
disc *species*:
(Aloe) **modesta** (Mpumalanga) 1955 (desc by GW Reynolds 1956).

Wet, Madeleine;
Book[1964] *A Bibliography of S African Stapelieae* Cape Town, RSA.

Wetham, J Boddam — see J **Boddam-Wetham**.

†**Wetterwald**, Xaver (1854–1930);
Book [1889] *Blatt- und Sprossbildung bei Euphorbien und Cacteen* Dresden, Ger; Ger; 64p; (reprint 1993 w 100p).

†**Wettstein**, [né Ritter von Westersheim,] (Prof) (Dr) Richard (30 Jun 1863–10 Aug 1931); {Wettst.}; Austrian phylogenist & botanist; PhD at Vienna Univ 1884; prof of botany & curator of bot garden at Univ Prague 1892–99 & at Vienna Univ 1899~; explored in Brazil 1901, in US 1926 & in Namibia, RSA, Mozambique & East Africa w son Friedrich 1929–30;
***species* nah:**
(Hypocyrta) **wettsteinii** (Brazil) (desc & nah by K Fritsch 1908) —> **Nematanthus**

wettsteinii by HE Moore 1973,
(Mesemb) **wettsteinii** (Namaq) (desc & nah by A Berger 1908) —> **Conophytum wettsteinii** by NE Brown 1926;
disc *species*:
(Sarcocaulon) **inerme** (Namibia) 1929 (desc by SEA Rehm 1935) —> **Monsonia inermis** by F Albers 1996.

†**Wheeler**, [née Jones] Caroline (1960–2000); Kenya; active w spouse in conservation of Kenya's environment & protection of Ngar Ndare Forest; spouse Charlie Wheeler;
***species* nah:**
(Aloe) **carolineae** (Kenya) (desc & nah by LE Newton 2002 & disc by G Powys 2000).

†**Wheeler**, George Montague (9 Oct 1842–3 May 1905); US military graduate at West Point Military Academy 1866 & topographical engineer; leader of geographical & geological survey expedition in western US; spouse Lucy [née Blair] Wheeler;
Book [1878] *Report upon United States Geographical Surveys West of the One Hundredth Meridian, Vol VI—Botany* DC; Eng; 404p w 25p of line drawings; (Cacteae in Chapter 4 by GT Engelmann on plants collected in Nevada, Utah, Colorado, New Mex & Arizona);
***species* nah:**
(Dasylirion) **wheeleri** (Chihuahua, Arizona, New Mex, Texas) (desc & nah by S Watson 1878).

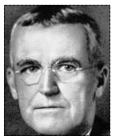
†**Wheeler**, (Prof) (Dr) Louis Cutter (2 Aug 1910–1980); {L.C.Wheeler}; US botanist; PhD at Harvard Univ 1939; prof of botany at Missouri Univ 1939–40, at Amer Univ, DC 1940–41, at Penn Univ 1941–42, at Cal. Tech. 1945, at Univ of S Calif 1945–56; specialized on Euphorbiaceae & wrote numerous articles on subject;
Book [1941] *Euphorbia Subgenus Chamaesyce in Canada & US*....; Eng; 157p,
[1943] *The Genera of the Living Euphorbieae* Notre Dame, Indiana; Eng; 48p;
desc *species*:
(Euphorbia) **hintonii** (Mex) 1939 (disc by GB Hinton & nah),
(Euphorbia) **sloanei** (Guerrero) 1939 (disc by E Palmer 1894 & na BL Sloane),
(Euphorbia) **whitei** (Guerrero) 1939 (disc by GB Hinton 1933 & na AC White);
transfer *species*:
"Euphorbia cupularis" (PE Boissier 1860) —> **Synadenium cupulare** 1941.

†**Whellan**, **James** Arden (4 Apr 1915–17 Aug 1995); Eng botanist, entomologist & naturalist; BSc in entomology & botany at Liverpool Univ; to S Rhodesia 1947; government entomologist & naturalist in S Rhodesia 1947–67, in Malawi 1967–74 & in Malaysia 1974–76; pres of world International Red Locust Control Service; collected mainly in Zimbabwe & Malawi, also in Zambia & Tanzania; to Australia after retirement; spouse Joan Whellan;
disc *species*:

(Euphorbia) **mlanjeana** (Malawi) 1971 (desc by LC Leach 1973),
(Euphorbia) **whellanii** (Zambia) 1962 (desc & nah by LC Leach 1967).

†**Whipple**, (Lt) (Major Gen) Amiel Weeks (15 Oct 1818–7 May 1863); {Whipple}; US military engineer & surveyor; graduate at US West Point Military Academy 1841; commander & topographical engineer of Pacific Railroad survey 1853–54 from Mississippi River at Arkansas to Los Angeles, Calif, near 35th parallel w physician & botanist JM Bigelow; spouse Eleanor Mary [née Sherburne] Whipple (21 Jan 1824–29 Apr 1874);
Book [1856] *Railroad Survey* DC; Eng; 193p;
species **nah:**
(Echinocactus) **whipplei** (Arizona, Utah) (desc & nah by GT Engelmann & JM Bigelow 1856 & disc by JM Bigelow 1853) —> **Sclerocactus whipplei** by NL Britton & JN Rose 1922,
(Opuntia) **whipplei** (New Mex, Arizona, Colorado, Utah) (desc & nah by GT Engelmann & JM Bigelow 1856 & disc by JM Bigelow 1853) —> **Cylindropuntia whipplei** by FM Knuth 1936,
(Yucca) **whipplei** (Calif, Arizona, Baja Calif, Sonora) (desc & nah by J Torrey 1859) —> **Hesperoyucca whipplei** by JG Baker 1892.

Whitcombe, RP; Salalah, Oman;
disc *species*:
(Aloe) **whitcombei** (Oman) 1989 (desc & nah by JJ Lavranos 1995).



†**White**, **Alain** Campbell (3 Mar 1880–23 Apr 1951); {A.C.White}; US chess player & writer in Litchfield, Connecticut; MA at Columbia Univ 1904; from wealthy family, his interests included chess, the White Memorial Foundation & succ 1931~; wrote numerous articles w BL Sloane specializing in stapeliads 1931~ & euphorbias 1937~; CSSA Fellow award 1941; Senior Capt. Scott Medal award by S African Biological Soc [w RA Dyer & BL Sloane] 1942;
Book [1933] *The Stapelieae (an Intro to the Study of This Tribe of Asclepiadaceae)* [w BL Sloane] Pasadena, Calif; Eng; 206p,
[1937] *The Stapelieae (2nd edition)* [w BL Sloane] Pasadena; Eng; 1,184p; (in 3 Vols w 37 plates);
Vol 1; 407p; Vol 2; 411p; Vol 3; 366p,
[1939] *Succ for the Amateur* [w JR Brown, BL Sloane & GW Reynolds & edited by SE Haselton] Pasadena; Eng; 172p,
[1941] *The Succ Euphorbieae (Southern Africa)* [w RA Dyer & BL Sloane] Pasadena; Eng; 990p; (in 2 Vols w 26 plates);
Vol 1; 494p; Vol 2; 496p;
genus nah & BL Sloane:
White-sloanea (desc & nah & BL Sloane by E Chiovenda 1937);
species **nah:**
(Euphorbia) **whitei** (Guerrero) (desc & nah by LC Wheeler 1939 & disc by GB Hinton 1933),

(Huernia) **whitesloaneana** (Transvaal) (desc & nah & BL Sloane by GC Nel 1936 & disc by GC Nel 1935);

desc *species*:

(Duvalia) **emiliana** (RSA) 1933 (na Emilia Sloane).

[See listing under BL Sloane for other species, subsp &/or var desc &/or transferred by BL Sloane, AC White & RA Dyer.]

†**White**, Cyril Tenison (17 Aug 1890–16 Aug 1950); {C.T.White}; Australian government botanist in Queensland 1917~; collected in Australia 1917~ & in New Guinea 1918 & New Caledonia 1923; honorary MSc from Univ of Queensland 1948;
grandfather FM Bailey; spouse Henrietta Duncan [née Clark] White (–≈1950);

desc *species*:

(Trianthema) **compacta** (Australia) 1919.

White, George P (fl. 1985); {G.P.White};

Book [1975] *Biological Control of Prickly Pears in Queensland* Sherwood; Eng; 12p,

▪[1975] *Control of Pest Cacti in Queensland* Sherwood; Eng; 11p.

†**White**, (Miss) Margaret [**May**] Whitlock (1869–1941); Litchfield, Connecticut; sister of AC White;

***species* nah:**

(Stapelia) **margarita** (RSA) (desc & nah by BL Sloane 1933).

†**White**, Orlando E; US botanist; curator of plant breeding at Brooklyn Bot Garden, NY; first dir of botany at Blandy Experimental Farm at Univ of Virginia 1927–55 & changed to Orlando E White Arboretum, Boyce, Virginia nah 1955;
collected in Bolivia 1922;

***species* nah:**

(Echeveria) **whitei** (La Paz, Cochabamba) (desc & nah by JN Rose 1925).

†**White**, Stephen Story (1909–1979); {S.S.White}; US; collected in Mex 1938–41;

desc *species*:

(Lenophyllum) **reflexum** (Tamaulipas) 1941.

†**Whitehead**, (Revd) Henry (1817–Jul 1884); Irish Anglican clergyman & missionary to RSA 1855; collected on various farms near Springbok, RSA 1855–61; sent specimens to WH Harvey;

***genus* nah:**

Whiteheadia (RSA, Namibia) (desc & nah by WH Harvey 1868);

disc *species*:

(Crassula) **whiteheadii** (Northern Cape) c1861 (desc & nah by WH Harvey 1862).

†**Whitehead**, John [**Jack**] (27 Jun 1888–2 Sep 1983); {J.Whitehead}; Scotland to US 1909; horticulturist & botanist; helped establish Desert Bot Garden, Phoenix, Arizona 1936–37; horticulturist at Univ of Calif, Berkeley, Calif early 1940s–49 & at Univ of S Calif, Los Angeles 1949–55; scholar on c&s;
CSSA Fellow award 1941; spouse Alice Victoria [née Copeland] Whitehead;
transfer *species*:
"Sedum filiferum" (S Watson 1885) —> **Graptopetalum filiferum** 1943.

Whitehouse, Christopher M; British botanist; MA degree; botanist at Kew;
Book [2002] *Bulbine* section of *Asphodelaceae* part from *Flora of Tropical East Africa* Rotterdam, Netherlands; Eng.

Whitson, RE;
Book [1981] *Assessment of the Prickly Pear Problem on Texas Rangelands* [w GK Lundgren, DN Ueckert, FE Gilstrap & CW Livingston] College Station, Texas; 22p.

Whittaker, RH;
disc *species*:
(Sedum) **oblanceolatum** (Oregon) 1950 (desc by RT Clausen 1975).

†**Whyte**, Alexander (5 Mar 1834–21 Dec 1908); British naturalist; dir of scientific dept in Zomba, Malawi & established first bot garden 1891–95; collected in Malawi 1891, Liberia & Kenya 1896 & Uganda 1898~; FLS 1894;
disc *species*:
(Monadenium) **laeve** (Malawi, Tanzania) 1897 (desc by O Stapf 1900),
(Monadenium) **parviflorum** (Malawi) 1897 (desc by NE Brown 1911).

Wickens, (Dr) Gerald Ernest (18 Dec 1927–); {Wickens}; Eng botanist;
PhD in botany at Reading Univ; botanist at Kew herbarium;
Book [1982] *The Baobab - Africa's Upside-Down Tree* Kew, Eng; Eng; 38p,
[1987] *Crassulaceae* part from *Flora of Tropical East Africa* Rotterdam, Netherlands; Eng; 66p; (mainly succ of 45 species + subsp & natural hybrids),
[1998] *Ecophysiology of Economic Plants in Arid & Semi-arid Lands — Adaptations of Desert Organisms* Berlin, Ger; 343p,
[2008] *The Baobabs: Pachycauls of Africa, Mada & Australia* [w P Lowe] Berlin; Eng; 498p w 32 color photo plates;
desc *species*:
(Crassula) **hedbergii** [w M Bywater] (Yemen, Ethiopia) 1980 (na KO Hedberg),
(Umbilicus) **paniculiformis** (Sudan) 1979,
transfer *species*:
"Crassula coleae" (JG Baker 1895) —> **Crassula volkensii** ssp **coleae** [w M Bywater] 1980,
"Crassula pharnaceoides" (FEL von Fischer & CA von Meyer 1841) —> **Crassula alata** ssp **pharnaceoides** [w M Bywater] 1980,

"Tillaea minutissima" (CJF Skottsberg 1916) —> **Crassula minutissima** [w M Bywater] 1984,
"Tillaea saginoides" (CJI Maximowicz 1880) —> **Crassula saginoides** [w M Bywater] 1984,
“Tillaea venezuelensis” (JA Steyermark 1957) —> **Crassula venezuelensis** [w M Bywater] 1984,
"Tillaea viridis" (S Watson 1888) —> **Crassula viridis** [w M Bywater] 1984.
"Tillaeastrum longipes" (JN Rose 1911) —> **Crassula longipes** (w M Bywater) 1984;
transfer *subsp*:
“Crassula expansa ssp peculiaris” (HR Tolken 1975 —> **Crassula peculiaris** [w HR Tolken] 1985,
"Crassula pharnaceoides ssp rhodesica" (H Merxmuller 1951) —> **Crassula rhodesica** [w M Bywater] 1980.

†**Wickens**, John Edward (1867–Dec 1949); British gardener & nurseryman to RSA 1888; owned nursery in RSA 1910~; employed at Public Works Dept, Pretoria, RSA 1912–26; collected in RSA;
disc *species*:
(Aloe) **aculeata** [w KJ Pienaar] (Zimbabwe, Limpopo) 1914 (desc by IB Pole-Evans 1915),
(Aloe) **globuligemma** [w KJ Pienaar] (Botswana, Zimbabwe, Limpopo, Mpumalanga) 1914 (desc by IB Pole Evans 1915).

†**Wiehler**, (Dr) **Hans** Joachim (8 Jul 1930–23 Mar 2003); {Wiehler}; Prussian to US 1951 & again 1953~; botanist & taxonomist; PhD in botany at Univ of Miami, Florida 1979; worked at Marie Selby Bot Gardens, Sarasota, Florida 1973–81; founded Gesneriad Research Foundation, Sarasota 1982~; specialized in Gesneriaceae; spouse Anne [née Gale] Wiehler;
transfer *species*:
"Besleria crassifolia" (HW Schott 1820) —> **Nematanthus crassifolius** 1981,
"Episcia dianthiflora" (HE Moore & RG Wilson 1954) —> **Alsobia dianthiflora** 1978,
"Gesneria aggregate" (JB Ker-Gawler 1818) —> **Sinningia aggregata** 1975,
"Gesneria bulbosa" (JB Ker-Gawler 1818) —> **Sinningia bulbosa** 1978,
"Gesneria canescens" (CFP von Martius 1829) —> **Sinningia canescens** 1975,
"Gesneria magnifica" (CFE Otto & AG Dietrich 1833) —> **Sinningia magnifica** 1975,
"Gesneria sellowii" (CFP von Martius 1829) —> **Sinningia sellowii** 1978.

Wieland, Hans-Peter;
Book [1974] Vol 4 of WHH Rauh's 1961–74 book *Weitere Untersuchungen an Didiereaceen* [w R Schill & WHH Rauh] Mainz, West Ger; Ger w brief Eng summary; 14p.

Wienk, JF;
Book [1969] *Long Fibre Agave (Agave sisalana Perr. & A. fourcroydes Lem.* Wageningen, Netherlands; 21p.

Wiens, (Prof) (Dr) Delbert [Del] (9 Jul 1932–); {Wiens}; US cytologist & taxonomist; PhD at Claremont Graduate School, Calif 1961; prof of biology at Univ of Colorado, Boulder 1961–64; prof at Univ of Utah, Salt Lake City 1964~; specialist on Loranthaceae & Viscaceae; collected in US, Ecuador, Galapagos Islands, Chile, Central Amer, Mex, Kenya, Ethiopia, Namibia, RSA, Mada, Australia, New Zealand, New Guinea, Nepal 1963–89;;
desc *species*:
(Tapinanthus) **crassifolius** (Limpopo) 1978.

Wiese, Margaretha (1923–); RSA; Quaggaskop farm in Western Cape; grower of succ plants; spouse TG Wiese;
***species* nah:**
(Bulbine) **margarethae** (Western Cape) (desc & nah by LI Hall 1984).

Wiese, Tobias Gerhardus [Dom Buys] (1921–) RSA farmer & nurseryman; owner of Quiver Tree Nursery at his *Quaggaskop* farm in Western Cape 1948~; spouse M Wiese;
disc *species*:
(Bulbine) **wiesei** (Western Cape) (desc & nah by LI Hall 1984),
(Conophytum) **buysianum** (Cape) (desc & nah by AR Mitchell & SA Hammer 1988) —> **Conophytum reconditum** ssp **buysianum** by SA Hammer 1993.

†**Wiesinger**, (Mr) ? (fl. 1932); Ger at Waldshut, Bavaria; explored & collected in Mex;
disc *species*:
(Mamm) **wiesingeri** (Hidalgo) (desc & nah by F Boedeker 1933).

Wiewandt, (Dr) Thomas A; US photographer & ecologist in Tucson, Arizona; PhD in ecology at Cornell Univ; his photography featured in books, calendars & magazines worldwide;
Book [1992] *Cactus Flowers* [w MA Dimmitt] Tucson, Arizona; Eng; 52p.

†**Wiggett**, (Mrs) I;
disc *species*:
(Conophytum) **wiggettiae** (Cape) c1924 (desc & nah by NE Brown 1926) —> **Conophytum truncatum** var **wiggettiae** by R Rawe 1982.

†**Wiggins**, (Dr) **Ira** Loren (1 Jan 1899–28 Nov 1987); {Wiggins}; US botanist; PhD at Stanford Univ 1930; curator of Dudley Herbarium, Stanford Univ, Palo Alto, Calif 1930–64; explorer; writer & extensive field research on cacti; explored & collected in Sonoran Desert 1929–55, in Ecuador 1944–45 & Mex 1955; CSSA Fellow award 1941; IOS member 1955; spouse Dorothy [née Bruce] Wiggins;
Book [1964] *The Vegetation & Flora of the Sonoran Desert* [w F Shreve] Stanford, Calif; Eng; (in 2 Vols);
Vol 1, 840p; Vol 2, 900p,

[1971] *Flora of the Galapagos Islands* [w DM Porter] Stanford; Eng; 998p w 96 color photos; (includes 14p on cacti by EF Anderson & DL Walkinton),

[1980] *Flora of Baja Calif* Palo Alto; Eng; 1,025p; (Cactaceae, 22p; Crassulaceae, 106p; Agavaceae, 4p);

genus **nah:**

Wigginsia (desc & nah by DM Porter 1964);

desc *species*:

(Jatropha) **cuneata** [w RC Rollins] (Arizona, Sonora) 1943,

(Nolina) **matapensis** (Sonora) 1940,

(Opuntia) **reflexispina** [w RC Rollins] (Sonora) 1943 (disc by them 1941) —> **Corynopuntia reflexispina** by C Backeberg 1958;

transfer *species*:

"Euphorbia hindsiana" (G Bentham 1844) to **Euphorbia californica** var **hindsiana** 1955.

†**Wight**, (Dr med) Robert (6 Jul 1796–26 May 1872); {Wight}; Scottish surgeon, artist & botanist; MD at Edinburgh Univ 1818; surgeon in India 1819–31, in Scotland 1831–34 & in India 1834–36; explored in India 1819–31 & 1834–36; FRS 1855;

Book [1834] *Contributions to the Botany of India* London, Eng; Eng; 136p,

[1840–56] *Icones Plantarum Indiae Orientalis* = "Figures of Indian Plants" Madras, India; (in 6 Vols w 2,101 plates),

[1840–50] *Illustration of Indian Botany* Madras; (in 2 Vols);

[1840] Vol 1; 218p; 95 plates;

[1850] Vol 2; 230p; 86 plates;

desc *genera*:

Boucerosia [w G Arnott] 1834 (syn of Caralluma BROWN,R),

Coccinia [w G Arnott] (Africa) 1834,

Pyrenacantha (tropics of Africa, Mada, Asia) 1830;

species **nah:**

(Modecca) **wightiana** (India, Sri Lanka) (desc & nah by R Wight & GAW Arnott 1834) —> **Adenia wightiana** by HGA Engler 1891;

disc *species*:

(Caralluma) **diffusa** (India) ≈1850 (desc by NE Brown 1892),

(Caralluma) **indica** (India) ≈1834 (desc by NE Brown 1892);

desc *species*:

(Boucerosia) **diffusa** (India) 1850 (disc by him) —> **Carallumadiffusa** by NE Brown 1892,

(Boucerosia) **pauciflora** (India) 1837 (disc by him ≈1834) —> **Caralluma pauciflora** by NE Brown 1892,

(Caralluma) **attenuata** (India) 1848 (disc by him) —> **Caralluma adscendens** var **attenuata** by FH Gravely & PV Mayuranathan 1931,

(Ceropegia) **arnottiana** (Myanmar, India, Thailand) 1834 (na GAW Arnott),

(Ceropegia) **ciliata** (India) 1848,

(Ceropegia) **decaisneana** (India) 1848 (na J Decaisne),

(Ceropegia) **hirsuta** [w GAW Arnott] (India) 1834,

(Ceropegia) **macrantha** (Bhutan, India, Nepal, Pakistan) 1834,
(Ceropegia) **pusilla** [w GW Arnott] (India) 1834,
(Ceropegia) **spiralis** (India) 1848,
(Ceropegia) **wallichii** (Nepal) 1834 (na N Wallich),
(Dorstenia) **indica** (India, Sri Lanka) 1853,
(Eriopetalum) **attenuatum** (India) 1834 —> **Brachystelma attenuatum** by JD Hooker 1885,
(Eriopetalum) **laevigatum** (India) 1834 —> **Brachystelma laevigatum** by JD Hooker 1885,
(Eriopetalum) **parviflorum** (India) 1834 —> **Brachystelma parviflorum** by JD Hooker 1885,
(Euphorbia) **cattimandoo** (India) 1853,
(Hoya) **finlaysonii** (Myanmar, Thailand, Malaysia, Borneo, Sumatra) 1834 (na G Finlayson),
(Hoya) **longifolia** (India, Bhutan, Pakistan, China, Singapore, Thailand, Nepal) 1834,
(Hoya) **parviflora** (India, Myanmar, Indonesia, Malaysia, Thailand) 1834,
(Hoya) **pauciflora** (Sri Lanka, India) 1848,
(Hutchinia) **indica** [w GW Arnott] (India) 1834 (disc by R Wight c1830) —> **Caralluma indica** by NE Brown 1892,
(Jatropha) **villosa** (India) 1848,
(Kalanchoe) **grandiflora** [w GW Arnott] (India) 1834,
(Portulaca) **wightiana** [w GAW Arnott] (India, Sri Lanka, Ethiopia, Somalia, Kenya, Tanzania) 1834 (na R Wight),
(Pyrenacantha) **volubilis** 1831,
(Sarcostemma) **brunonianum** [w GAW Arnott] (India, Australia, China, Philippines, Thailand) 1834 (na R Brown) —> **Sarcostemma viminale** ssp **brunonianum** by PI Forster 1992.

Wigness, Barbara [**Barb**] Jean(c1963–);
Book [1968] *Cacti — The Plants Magnificent* Fargo, N Dakota; Eng; 23p; (a paper to fulfill a requirement at N Dakota Stat Univ, Fargo).

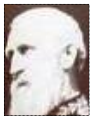
†**Wijn**, GJ de;
disc *species*:
(Euphorbia) **duseimata** (Botswana, North-West, Limpopo) c1931 (desc by RA Dyer 1934),
(Euphorbia) **lydenburgensis** [w JC van Balen] (Mpumalanga) 1932 (desc by HGW Schweickerdt & CL Letty 1933).

†**Wijnands**, (Dr) Dirk Onno (1945–10 Sep 1993); {Wijnands}; Dutch botanist; PhD at Wageningen Univ, Netherlands 1983; dir of bot gardens in Wageningen 1977~;
Book [1973] *Typification & Nomenclature of 2 Species of Sansevieria*; Eng; 5p,
[1983] *The Botany of the Commelins; a Taxonomical, nomenclatural & historical account of plants depicted in Moninckx Atlas & in books by J & C Commelin on plants in Hortus Medicus Amstelodamensis* Rotterdam; 232p w 32p of plates; (PhD thesis),
[1996] *Jan Commelin's Monograph on Cape Flora: drawings & desc of plants S van der Stel found on 1685–86 expedition* [w T Toussaint van Hove & ML Wilson]; 111p w 52 plates;
transfer *species*:

"Ornithogalum cepaceum" (NL Burman 1768) —> **Bulbine cepacea** 1991.

Wijngaarden, Jacob van;
Book [1991] *C&S* [w N Uittenbroeck] Amsterdam, Netherlands; 129p.

†**Wilcox**, (Dr med) Glover B; ship's surgeon in 1909 between Guatemala & San Francisco; collected along way & sent plants to NL Britton & JN Rose; father TE Wilcox;
disc *species*:
(Opuntia) **guatemalensis** (Guatemala) 1909 (desc by NL Britton & JN Rose 1919),
(Opuntia) **wilcoxii** (Sinaloa, Sonora) 1909 (desc & nah by NL Britton & JN Rose 1919).



†**Wilcox**, (Dr med) Timothy Erastus (26 Apr 1840–10 Dec 1932); US Army Deputy Surgeon General; collected in Arizona, Nebraska, Oklahoma, Wyoming, Idaho, Washington; student of plants;
spouse Clara [née Brown] Wilcox (14 Mar 1842–28 Aug 1899); son GB Wilcox;
***genus* nah:**
Wilcoxia (Texas into Mex) (desc & nah by NL Britton & JN Rose 1909) (syn of Echinocereus & Peniocereus);
***species* nah:**
(Mamm) **wilcoxii** (Arizona, New Mex, Sonora, Chihuahua) (desc & nah by KM Schumann 1898) —> **Mammillaria wrightii** ssp **wilcoxii** by DR Hunt 1997.

†**Wilczek**, (Dr) Ernst (12 Jan 1867–30 Sep 1948); {Wilczek}; Swiss botanist & mycologist; PhD at Univ of Zurich 1892: prof of systematic & pharmaceutical botany at Univ of Lausanne 1902–34; explored in Arentina 1897–98 & in N Africa 1921& 1936;
***species* nah:**
º (Sedum) **wilczekianum** (Morocco) (desc & nah by P Font Quer 1928);
desc *species*:
(Sedum) **jaccardianum** [w RCJ Maire] (Morocco) 1925 (na H Jaccard).

†**Wild**, (Prof) (Dr) Hiram (15 Mar 1917–28 Apr 1982); {Wild}; British botanist; PhD at Univ of London 1945; to Zimbabwe 1945 where he became systematic botanist in dept of agriculture & in charge of Natl Herbarium in Harare, Zimbabwe;
prof of botany at Univ of Zimbabwe 1966~; interested in taxonomic botany of Compositae; writer on plants of Zimbabwe; collected in Namibia, RSA, Mozambique, Malawi, Zambia, Rhodesia & Zimbabwe;
Book [1952] *A Southern Rhodesian Botanical Dictionary of Native & Eng Plant Names* Salisbury; 139p;
***species* nah:**
(Commiphora) **wildii** (Namibia) (desc & nah by H Merxmuller 1960),
(Kalanchoe) **wildii** (Zimbabwe) 1978 (desc & nah by RMS Fernandes);
disc *species*:
(Euphorbia) **wildii** (Zimbabwe) 1965 (desc & nah by LC Leach 1968);

transfer *species*:
"Cissus dolichopus" (CA Smith 1932) —> Cyphostemma humile ssp dolichopus [w RB Drummond] 1962,
"Cissus quinata" (WT Aiton 1810) —> **Cyphostemma quinatum** [w RB Drummond] 1966,
"Vitis congesta" (JG Baker 1868) —> **Cyphostemma congestum** [w RB Drummond] 1966,
"Vitis humilis" (NE Brown 1887) —> **Cyphostemma humile** [w RB Drummond] 1962;
disc *variety*:
(Aloe torrei var) **wildii** (Zimbabwe) 1950 (desc & nah by GW Reynolds 1961) —> **Aloe wildii** by GW Reynolds 1964.

Wild, Peter;
Book [1986] *The Saguaro Forest* Flagstaff, Arizona; Eng; 65p w 44 color photos by Hal Coss.

Wilde, JJFE de; Dutch; prof of plant taxonomy at Wageningen Agricultural Univ, Netherlands;
disc *species*:
(Ceropegia) **erergotana** [w MG Gilbert] (Ethiopia) 1971 (desc by MG Gilbert 2003).

Wilde, (Dr) Willem Jan Jacobus Oswald de (1936–); {W.J.deWilde}; Dutch botanist; PhD at Leyden Univ 1963;; curator at Rijksherbarium at Univ of Leyden, Netherlands; explored in Ivory Coast 1963 & other northern African countries 1964–67;
Book [1971] *A Monograph of the Genus Adenia FORSK.(Passifloraceae)* Wageningen, Netherlands; Eng; 281p,
[1975] *Passifloraceae* part from *Flora of Tropical East Africa* London, Eng; Eng;
desc *species*:
(Adenia) **erecta** (Zambia) 1971,
(Adenia) **karibaensis** (Zimbabwe) 1971,
(Adenia) **metriosiphon** (Kenya) 1969,
(Adenia) **mossambicensis** (Mozambique) 1971,
(Adenia) **ovata** (Zambia) 1971,
(Adenia) **pulchra** [w MG Gilbert] (Ethiopia) 1992;
transfer *species*:
"Adenia parvifolia" (F Gagnepain 1920) —> **Adenia penangiana** var **parvifolia** 1971,
"Adenia scheffleri" (HGA Engler & HAT Harms 1921) —> **Adenia lanceolata** ssp **scheffleri** 1969,
"Granadilla hondala" (J Gaertner 1791) —> **Adenia hondala** 1967,
"Passiflora penangiana" (G Don 1834) —> **Adenia penangiana** 1967;
desc *subsp*:
(Adenia aculeata ssp) **inermis** (Somalia, Ethiopia, Kenya) 1971 —> **Adenia inermis** by WJ de Wilde 1972,
(Adenia fruticosa ssp) **simplicifolia** (Zimbabwe, Mozambique, Limpopo) 1971,
(Adenia fruticosa ssp) **trifoliolata** (Natal) 1971,
(Adenia wrightiana ssp) **africana** (Tanzania, Kenya) 1969;

transfer *subsp*:
"Adenia pseudoglobosa ssp curvata" (B Verdcourt 1964) —> **Adenia globosa** ssp **curvata** 1969;
desc *variety*:
(Adenia gummifera var) **cerifera** (Zambia) 1971,
(Adenia hastata var) **glandulifera** (Mpumalanga, Natal) 1971,
(Adenia olaboensis var) **parva** (Mada) 1971;
transfer *variety*:
"Adenia epigea var stylosa" (JMH Perrier de la Bathie 1940) —> **Adenia firingalavensis** var **stylosa** 1970;
transfer *forma*:
"Adenia subsessilifolia fa pyromorpha" (JMH Perrier de la Bathie 1940) —> **Adenia pyromorpha** 1970.

†**Wildeman**, [Vildeman,] (Dr) Émile Auguste Joseph de (19 Oct 1866–24 Jul 1947); {Wildem. or De Wild.}; Belgian botanist; DSc at Univ of Brussels 1890; dir of Jardin Botanique de l'État, Bruxelles 1890–21; prof at Univ of Antwerp 1921–31; pioneer botanist in study of Congolese flora; spouse Anna Marie [née de Cor] Wildeman;
Book [1899–1909] *Icones Selectae Horti Thenensis* = "plants recorded in collection of (Mr) van den Bossche, Tirlemont, Belgium" Brussels, Belgium; French w Ger/Eng introduction;
(in 6 Vols w 240 plates);
[1899–1900] Vol 1; 180p;
[1900–01] Vol 2; 179p;
[1901–02] Vol 3; 176p;
[1903] Vol 4; 194p;
[1904–06] Vol 5; 171p;
[1906–09] Vol 6; 152p;
(Succ from this book were reprinted in 1999),
[1904–10] *Plantae Novae Vel Minus Cognitae ex Herbario Horti Thenensis* Brussels;
(in 2 Vols);
[1904–07] Vol 1; 250p;
[1908–10] Vol 2; 136p,
[1944] *Le Latex des Euphorbiacees* Brussels; 68p;
***species* nah:**
(Stathmostelma) **wildemanianum** (Zaire) (desc & nah by TA Durand 1909);
desc *species*:
(Aeollanthus) **ericoides** (Zaire) 1921 —> **Aeollanthus subacaulis** var **ericoides** by PO Ryding 1986,
(Aloe) **seretii** (Zaire) 1921 (disc by J Bequaert 1914 & na F Seret),
(Asclepias) **cabrae** (Zambia, Zaire, Angola, Tanzania, Mozambique) 1904 (disc by A Cabra c1903 & nah) —> **Glossostelma cabrae** by DJ Goyder 1995,
(Asclepias) **erecta** (Zaire) 1904 —> **Glossostelma erectum** by DJ Goyder 1995,
(Asclepias) **katangensis** (Zaire) 1904 —> **Stathmostelma katangense** by DJ Goyder 1998,

(Caralluma) **affinis** 1904 —> **Caralluma europaea** var **affinis** by A Berger 1910,
(Ceropegia) **achtenii** (Togo, Zaire, Angola, Zimbabwe) 1928 (disc by L Achten c1922 & nah),
(Ceropegia) **ringoetii** (Tanzania, Zaire) 1914 (na ? Ringoet),
(Ceropegia) **vanderystii** (Zaire, Angola) 1914 (na HJR Vanderyst),
(Euphorbia) **sapinii** (western Africa, Congo, Cameroon) 1908 (na A Sapin),
(Euphorbia) **seretii** (Zaire) 1908 (na F Seret),
(Raphionacme) **michelii** (Congo, Zaire, Kenya) 1904,
(Sansevieria) **laurentii** (Zaire) 1904 (disc by E Laurent & nah) —> **Sansevieria trifasciata** var **laurentii** by NE Brown 1915.

†**Wilfried**, ?; MK Dinter's collecting-boy & referred to by him as his "Sammel-bambuse";
species **nah:**
(Caralluma) **wilfriedi** (Namibia) (desc by MK Dinter 1923).

†**Wilke**, (Dr) Fritz [Wilhelm] (1888–); {Wilke}; Ger botanist & natural scientist;
PhD at Halle Univ 1913;
[1913] *Beitrage zur Kenntnis der Gattung Mesemb* Halle, Ger; Ger; 50p; (PhD thesis).

Wilkinson, DL;
Book [1977] *Vegetation Resource Investigation of Caesalpinia drummondii & Echinocereus reichenbachii var. albertii on the Choke Canyon Reservoir Site, Nueces River Project* Amarillo, Texas; Eng; 65p w 4 plates.

Willaman, JJ;
Book [1961] *Alkaloid-Bearing Plants & Their Contained Alkaloids* [w BG Schubert] DC; Eng; 287p; (includes c&s plants).

†**Willdenow**, (Prof) (Dr med) Karl [Carl] Ludwig von
(22 Aug 1765–10 Jul 1812); {Willd.}; Ger apothecary, physician & botanist;
MD at Halle Univ 1789; prof of natural history at Royal College of Medicine & surgery, Berlin 1798; botanist at Berlin Academy of Science & curator of bot garden 1801~; prof of botany at Univ of Berlin 1810~; worked & studied plants brought to him by collector FWH Humboldt;
Book [1797–1825] Caroli a Linné *Species Plantarum*; in 6 Vols; edition 5 of Carolus Linnaeus 1753 *Species Plantarum*; (Yucca, Aloe, Agave, 11p; Cotyledon, Sedum, 16p; Euphorbia, 115p; Cactus, 11p; Mesemb, 28p);

[1797] Vol 1, Part 1; 495p;
[1798] Vol 1, Part 2; 1,073p;
[1799] Vol 2, Part 1; 823p;
[1799] Vol 2, Part 2; 517p;
[1800] Vol 3, Part 1; 847p;
[1802] Vol 3, Part 2; 627p;

[1803] Vol 3, Part 3; 935p;
[1805] Vol 4, Part 1; 629p;
[1806] Vol 4, Part 2; 528p;
[1810] Vol 5; 542p;
[1824] Vol 6, Part 1; 160p;
[1825] Vol 6, Part 2; 128p; Vol 6 by JHF Link,

[1809] *Enumeratio Plantarum Horti Regii Botanici Berolinensis* Berlin; in 2 parts;
Part 1; 592p; Part 2; 507p;

desc *genera*:

Drimia (RSA) 1799,
Eriospermum (Africa) 1799,
Lomatophyllum (Mada, Mauritius Island) 1811,
Myrsiphyllum (Africa) 1808;

***species* nah:**

(Ruschia) **willdenowii** (RSA) (desc & nah by MHG Schwantes 1938);

desc *species*:

(Apicra) **fasciata** (Eastern Cape) 1811 —> to **Haworthia fasciata** by AH Haworth 1821,
(Cactus) **brasiliensis** (Brazil, Peru, Paraguay, Argentina, Bolivia) 1814 —> **Brasiliopuntia brasiliensis** by A Berger 1926,
(Cactus) **triacanthos** (Cuba, Lesser Antilles, Puerto Rico, Florida, US Virgin Islands) 1814 —> **Opuntia triacantha** by R Sweet 1826,
(Drimia) **media** (Western Cape) 1799,
(Euphorbia) **aphylla** (Tenerife, Gomera, Gran Canaria of Canary Islands) 1809,
(Euphorbia) **atropurpurea** (Canary Islands) 1809,
(Euphorbia) **cucumerina** (Namaq) 1799 (disc by F le Vaillant c1784),
(Euphorbia) **stellata** (Eastern Cape) 1799 (disc by CP Thunberg c1774),
(Euphorbia) **virosa** (Namibia, Angola, RSA) 1799 (disc by W Paterson 1778),
(Mesemb) **laxum** (RSA) 1809 —> **Ruschia laxa** by MHG Schwantes 1949,
(Mesemb) **lunatum** (Western Cape) 1809 —> **Oscularia lunata** by HEK Hartmann 1998,
(Mesemb) **roseum** (RSA) 1809 —> **Lampranthus roseus** by MHG Schwantes 1938,
(Pelargonium) **spinosum** (Namibia, Northern Cape) 1800,
(Sempervivum) **dodrantale** (Tenerife in Canary Islands) 1809 —> **Aeonium dodrantalis** by THM Mes 1995,
(Sesuvium) **longifolium** (S Amer) 1809,
(Sesuvium) **microphyllum** (Cuba) 1809,
(Stapelia) **paniculata** (Western Cape) 1814,
(Tillaea) **vaillantii** (Europe, Cyprus, through Africa to Northern Cape, Western Cape) 1798 (na F LeVaillant) —> **Crassula vaillantii** by AW Roth 1827;

transfer *species*:

"Anthericum alooides" (C Linnaeus 1753) —> Bulbine allooides 1809,
"Anthericum asphodeloides" (C Linnaeus 1753) —> **Bulbine asphodeloides** 1809,
"Anthericum frutescens" (C Linnaeus 1753) —> **Bulbine frutescens** 1809,
"Anthericum longiscapum" (NJ von Jacquin 1787) —> **Bulbine longiscapa** 1809,

"Cotyledon arborescens" (P Miller 1768) —> **Crassula arborescens** 1798,
"Geranium appendiculatum (C von Linne *fil.* 1781) —> **Pelargonium appendiculatum** 1800,
"Geranium articulatum" (AJ Cavanilles 1787) —> **Pelargonium articulatum** 1800,
"Geranium minimum" (AJ Cavanilles 1787) —> **Pelargonium minimum** 1800,
"Geranium punctatum" (HC Andrews 1799) —> **Pelargonium punctatum** 1800,
"Geranium stipulaceum (C von Linne *fil.* 1781) —> **Pelargonium stipulaceum** 1800,
"Medeola asparagoides" (C Linnaeus 1753) —> **Myrsiphyllum asparagoides** 1808,
"Portulaca triangularis" (NJ von Jacquin 1760) —> **Talinum triangulare** 1800;

transfer *variety*:
"Aloe hyacinthoides var zeylanica" (C Linnaeus 1753) —> **Sansevieria zeylanica** 1799,
"Geranium prolificum var auritum" (C Linnaeus 1763) —> **Pelargonium auritum** 1800.

Willemse, Michiel Theodoor Maria;
Book [1972] *Microsporogenesis in Pinus sylvestris & Gasteria verrucosa*
Wageningen, Netherlands; 108p.

Willert, (Dr) Dieter J von; Ger botanist; prof at Institute of Plant Ecology, Univ of Münster, Ger; IOS member 1980;
Book [1992] *Life Strategies of Succ in Deserts (w Special Reference to the Namib Desert)* [w BM Eller, MJA Werger, E Brinkmann & H-D Ihlenfeldt] Cambridge, Eng; Eng; 340p w 5 color photos.

Willetts, Duncan;
Book [1994] *Journey through Namibia* [w Mohaed Armin & Tahir Shah] Nairobi, Kenya; Eng; 192p w color photos.

†**Williams**, CHD; British collector in 1860s;
***species* nah:**
(Echinocactus) **williamsii** (Texas, San Luis Potosi, Tamaulipas, Chihuahua, Zacatecas, Coahuila, Nuevo Leon) (desc & nah by JFM Salm-Dyck 1845) —> **Lophophora williamsii** by JM Coulter 1894.

Williams, Gerald (**Jerry**) Ray (1943–); co-owner [w CH Everson] of Rainbow Gardens Nursery 1978~ & Bookshop 1980–2005 & 2010~, Vista, Calif; IOS member 1993; CSSA Friend award 2015;
Book [1979] *Directory of Epiphyllums & Other Related Epiphytes* [w C Everson] Vista, Calif; Eng; 218p.

Williams, JG; collected in Kenya & Angola;
disc *species*:
(Monadenium) angolense (Angola) 1957 (desc by PRO Bally 1961).

†**Williams**, Robert Statham (6 May 1859–13 Mar 1945); {R.S.Williams};

US miner, botanist, bryologist & scientist; worked at NY Bot Garden w NL Britton; selected & preserved cacti specimens for illustration by ME Eaton on *The Cactaceae* book by NL Britton & RN Rose; collected in Bolivia & Peru 1901;
disc *species*:
(Rhipsalis) **cuneata** (Bolivia) 1902 (desc by NL Britton & JN Rose 1923).

Williamson, Darcy (9 Jul _–); US author in McCall, Idaho;
Book [1986] *Wild Foods of the Desert* Bend, Oregon; Eng; 206p; (includes recipes w c&s).

Williamson, [née Clerc,] **Françoise** Marie-Lise (1935–); RSA; Swiss teacher & collector in Namibia & RSA; spouse G Williamson; organized all their desert expeditions;
***species* nah:**
(Bulbine) **francescae** (Namibia) (desc & nah by G Williamson & H Baijnath 1995);
disc *species*:
(Euphorbia) **maryrichardsiae** [w G Williamson] (Zambia) 2004 (desc by G Williamson 2008 & na MAE Richards);
disc *subsp*:
(Conophytum wettsteinii ssp) **francoiseae** [w G Williamson] (Cape) (desc by SA Hammer 1993 & na Françoise M-L Williamson);
disc *variety*:
(Euphorbia filiflora var) **nana** [w G Williamson] 1999 (desc by G Williamson 2003).

†**Williamson**, (Dr med) **Graham** (7 Mar 1932–12 Oct 2017); {G.Will.}; RSA dental surgeon, botanist & taxonomist; dental degree 1958 at Witwatersrand Univ, Johannesburg, RSA; dental surgeon in RSA 1958–93; research associate at Bolus Herbarium, Univ of Cape Town, RSA, 1984~;
MS in botany (taxonomy) at Witwatersrand Univ 1986; explored for succ in (a) Uganda, Tanzania, Zambia, Zimbabwe, Mozambique, Botswana 1951~, (b) Zambia 1962–77, (c) diamond-mining areas in Namibia & in RSA 1977–97; worked & explored w LC Leach; conservationist, author, lector & artist; disc & desc new taxa; Harry Bolus Medal award 1981;
SSSA Allen Dyer award 1996; CSSA Fellow award 1999; spouse FM-L Williamson;
Book [1995] *Richtersveld Natl Park* Durban, Eng; Eng; 48p,
[2000] *Richtersveld — The Enchanted Wilderness* Hatfield, Eng; Eng; 258p w 959 color photos;
disc *species*:
(Conophytum) **armianum** [w AR Mitchell & SA Hammer] (Namaq) 1987 (desc by SA Hammer 1988 & na initials of AR Mitchell),
(Euphorbia) **fanshawei** (Zambia) (desc by LC Leach 1973),
(Euphorbia) **williamsonii** [w B Simon] (Zambia) 1967 (desc & na G Williamson by LC Leach 1969);
desc *species*:
(Anacampseros) **pisina** (Northern Cape) 1997,
(Anacampseros) **prominens** (Northern Cape) 1997 —> **Avonia prominens** by G Williamson

1998,
(Anacampseros) **scopata** (Northern Cape) 1994 (disc by EJ van Jaarsveld 1990),
(Avonia) **confusa** (Northern Cape) 2014,
(Avonia) **grisea** (Northern Cape) 2014,
(Avonia) **mallei** (Northern Cape) 1995 (disc by SA Hammer 1993 & nah, Latin malleus = hammer),
(Bulbine) **canaliculata** (Eastern Cape) 2000,
(Bulbine) **caput-medusae** (Namibia) 1995,
(Bulbine) **dissimilis** (Northern Cape) 1997,
(Bulbine) **fragilis** (Northern Cape) 1996,
(Bulbine) **francescae** [w H Baijnath] (Namibia) 1995 (na Françoise M-L Williamson),
(Bulbine) **hallii** (Northern Cape) 1995,
(Bulbine) **lamprophylla** (Northern Cape) 1996,
(Bulbine) **lavrani** [w H Baijnath] (Northern Cape) 2000 (na JJ Lavranos),
(Bulbine) **muscicola** (Western Cape) 2000,
(Bulbine) **pendens** [w H Baijnath] (Northern Cape) 1995,
(Bulbine) **quartzicola** (Northern Cape) 1996,
(Bulbine) **rupicola** (Eastern Cape) 2000,
(Bulbine) **torsiva** (Northern Cape) 1996,
(Bulbine) **truncata** (Northern Cape) 1996,
(Bulbine) **undulata** (Western Cape) 2000,
(Bulbine) **vitrea** [w H Baijnath] (Northern Cape) 1995,
(Bulbine) **vittatifolia** (Northern Cape) 1996,
(Conophytum) **hammeri** [w HC Kennedy] (Namaq) 1997 (disc by SA Hammer 1994 & nah),
(Crassula) **aurusbergensis** (Namibia) 1992,
(Drimia) **occultans** (Namibia) 2011 (disc by him 1998),
(Eriospermum) **aridicola** (Namaq) 2013 (disc by him 1994),
(Euphorbia) **einensis** (Namaq) 2004 (disc c1977),
(Euphorbia) **glandularis** [w LC Leach] (Northern Cape) 1990,
(Euphorbia) **maryrichardsiae** (Zambia) 2008 (disc by G & F M-L Williamson 2004 & na MAE Richards),
(Euphorbia) **versicolores** (Richtersveld) 1995 (disc by him 1991),
(Monadenium) **kimberleyanum** (Zimbabwe) 2000 (na MJ Kimberley),
(Tylecodon) **aridimontanus** (Namibia) 1995 (disc by EGH Oliver),
(Tylecodon) **aurusbergensis** [w EJ van Jaarsveld] (Namibia) 1993 (disc by JJ Lavranos, LE Newton & GS Barad 1978),
(Tylecodon) **bleckiae** (Little Namaq) 1998 (disc by MC Bellerue-Bleck & JJ Lavranos 1985 & na MC Bellerue-Bleck),
(Tylecodon) **cordiformis** (Northern Cape) 1998 (disc by SA Hammer & CM Barnhill 1966),
(Tylecodon) **longipes** [w EJ van Jaarsveld] (Northern Cape) 1995 (disc by EJ van Jaarsveld),
(Tylecodon) **nigricaulis** [w EJ van Jaarsveld] (Northern Cape) 2000;

transfer *species*:

"Anacampseros buderiana" (JKL von Poellnitz 1933) —> **Avonia recurvata** ssp **buderiana**

1998,
"Anacampseros variabilis" (JKL von Poellnitz 1933) —> **Avonia variabilis** 1998;
disc *subsp*:
(Conophytum wettsteinii ssp) **francoiseae** [w FM-L Williamson] (Cape) (desc by SA Hammer 1993);
desc *subsp*:
(Bulbine mesembryanthoides ssp) **namaquensis** (Northern Cape) 1999;
disc *variety*:
(Euphorbia filiflora var) **nana** [w FM-L Williamson] 1999 (desc by G Williamson 2003);
desc *variety*:
(Euphorbia einensis var) **anemoarenicola** (Northern Cape) 2004 (disc by him 1979),
(Euphorbia ephedroides var) **imminuta** [w LC Leach] (Northern Cape) 1990,
(Tylecodon buchholzianus var) **fasciculatus** (Northern Cape) 1993.

Willier, [née Chapman,] Elizabeth ;
Book 1952] *Trees of the West* NYC; Eng; 29p w illustrations by Barry Martin; (Saguaros in Section 5).

†**Willis**, (Dr) James [**Jim**] Hamlyn (28 Jan 1910–10 Nov 1995); {J.H.Willis}; Australian botanist at Royal Bot Gardens, Melbourne, Victoria 1937–72;
DSc at Melbourne Univ; collected in New Zealand & Australia; spouse Mavis Willis;
desc *species*:
(Euphorbia) **sarcostemmoides** (Australia) 1975,
(Portulaca) **filsonii** (Australia) 1975 (disc by RB Filson & nah).

†**Willkomm**, (Prof) (Dr) Heinrich **Moritz** (29 Jun 1821–26 Aug 1895); {Willk.}; Ger botanist & naturalist; PhD at Univ of Leipzig 1850; prof of natural history at Tharandt Univ 1855–68; prof of botany & dir of bot garden at Univ of Dorpat 1868–73 & at Univ of Prague 1874–92; collected in Spain, Portugal & Ger;
desc *variety*:
(Sempervivum tectorum var) **minutum** (Spain) 1874 —> **Sempervivum minutum** by C Pau 1909.

Willoughby, Jim & Sue; US; Jim a cartoonist & illustrator & Sue a writer;
Book [1993] *Cactus Country (A friendly intro to cacti of the sw deserts)* Phoenix, Arizona; Eng; 108p.

†**Wilman**, (Dr hc) Maria (29 Apr 1867–9 Nov 1957); RSA botanist, geologist & archaeologist; first dir of McGregor Memorial Museum in Kimberley, RSA 1908~; collected in Rhodesia 1920 & RSA 1948–50; honorary doctorate in law at Univ of Witwatersrand, Johannesburg, RSA 1937;
***species* nah:**
(Aloinopsis) **wilmaniae** (Namibia) (desc & nah by HML Bolus 1933) —> **Nananthus**

wilmaniae by HML Bolus 1938,
(Delosperma) **wilmaniae** (Northern Cape) (desc & nah by MG Lavis 1967),
(Hereroa) **wilmaniae** (Northern Cape) (desc & nah by HML Bolus 1929),
(Mesemb) **wilmaniae** (eastern Northern Cape, North-West, Free State) (desc & nah by HML Bolus 1916) —> **Ebracteola wilmaniae** by HF Glen 1986;
disc *species*:
(Euphorbia) **planiceps** (Northern Cape) 1921 (desc by AC White, BL Sloane & RA Dyer 1941),
(Euphorbia) **wilmaniae** (Northern Cape) (desc & nah by HWR Marloth 1931).

†**Wilmot**, C;
***species* nah:**
(Dinteranthus) **wilmotianus** (Cape) (desc & nah by HML Bolus 1939).

†**Wilms**, (Dr) Friedrich (19 Apr 1848–2 Mar 1919); Ger pharmacist & botanist;
PhD in Ger; collected in RSA 1882–96;
***species* nah:**
(Adenia) **wilmsii** (Mpumalanga) (desc & nah by HAT Harms 1899).

Wilson, Andrew W;
Book [1973] *Coastal Deserts, Their Natural & Human Environments* [w DHK Amiran] Tucson, Arizona; Eng; 207p.

Wilson, Charles;
***species* nah:**
(Euphorbia) **charleswilsoniana** (Ethiopia) (desc & nah by V Vlk 1997).

Wilson, E;
Book [1976] *Growing C&S* [w T Johnston] Toronto, Canada; Eng; 109p.

†**Wilson**, (Dr hc) Ernest Henry [**Chinese**] (15 Feb 1876–15 Oct 1930); {E.H.Wilson}; British botanist & naturalist; member of Eng Royal Academy; collected plants in China for Eng nursery firm of *James Veitch & Sons* 1899–1902 & 1903–05 & for US Harvard Univ Arnold Arboretum 1906–09 & 1910–11; collected in RSA, Australia & India 1920–22; pub several books on his travels;
honorary DSc from Trinity College, Connecticut; spouse Helen [née Ganderton] Wilson;
***species* nah:**
(Sedum) **wilsonii** (Hubei in China) (desc & nah by HA Froderstrom 1936).

Wilson, F Douglas (fl. 1963); {F.D.Wilson}; US geneticist; at USDA crops research division at agricultural research service; co-authors of circular below from USDA crops research division are J Frank Joyner & DW Fischler (research agronomists) & TE Summers (pathologist) plus Charles C Seale (associate agronomist) from everglades experiment station, Florida;

Book [1962] *Florida H-13, A Promising Sansevieria Hybrid as a Source of Cordage Fiber* Gainesville, Florida circular; Eng; 7p.

Wilson, **John** Galletly (12 Mar 1927–); Scottish botanist, archaeologist, tropical ecologist, paleontologist, herbalist, linguist, photographer & artist; college diploma in Agriculture, Glasgow 1946; agricultural officer & ecologist at Dept of Agriculture, Moroto, Uganda 1949–c79; collected artifacts & succ in Uganda, Kenya & Sudan 1954–72;
returned to Scotland & then to Kenya in retirement;
***species* nah:**
(Caralluma) **wilsonii** (Uganda) (desc & nah by PRO Bally 1966) —> **Orbea wilsonii** by PV Bruyns 2001;
disc *species*:
(Aloe) **wilsonii** (Kenya, Uganda) 1955 (desc & nah by GW Reynolds 1956).

†**Wilson**, JW; British;
Book [1902] *The Economic Properties of Agave americana (The American Aloe)* Liverpool, Eng; Eng; 8p.

Wilson, Michael Lewis;
Book [1996] *Jan Commelin's Monograph on Cape Flora: drawings & desc of plants S van der Stel found on 1685–86 expedition* [w T Toussaint van Hove & DO Wijnands]; 111p w 52 plates.

†**Wilson**, Percy (1879–1944); {P.Wilson}; US botanist; assistant to NL Britton at NY Bot Garden 1905–14 & as associate curator 1914–39; collected in Puerto Rico 1902;
desc *species*:
(Portulaca) **caulerpoides** [w NL Britton] (Puerto Rico) 1915,
(Portulaca) **mexicana** (Mex, Central Amer, Colombia) 1928,
(Portulaca) **conzattii** (Oaxaca, Nicaragua, Honduras) 1928 (na C Conzatti),
(Portulaca) **cubensis** [w NL Britton] (Cuba) 1920,
(Portulaca) **smallii** (Georgia B to N Carolina) 1932 (na JK Small),
(Talinum) **gooddingii** (Arizona) 1932 (na LN Goodding).

†**Wilson**, Robert Gardner (1911–May 1989); {R.G.Wilson}; US nurseryman & amateur botanist; owner of *Fantastic Gardens*, Miami, Florida 1936–63; to Las Cruces, Costa Rica 1963; spouse Catherine E Wilson;
desc *species*:
(Episcia) **dianthiflora** [w HE Moore] (Mex, Costa Rica) 1954 —> **Alsobia dianthiflora** by HJ Wiehler 1978.

Wilson, RT;
disc *species*:
(Euphorbia) **makallensis** (Ethiopia) 1975 (desc by S Carter Holmes 1981).

Wimber, Doris Rupel; US; MA at Claremont Graduate Univ, Calif 1958;
Book [1958] *Pollination of Yucca whipplei Torr.* Claremont, Calif; Eng; 77p; (MA thesis).

†**Wing**, ?; attended Stanford Univ in Calif c1897;
disc *species*:
(Talinum) **guadalupense** [w WWThoburn & ? Green] (Guadelupe Island) 1897 (desc by WR Dudley 1899).

Wingfield, Robert C (1936–); {Wingf.}; Venezuela;
desc *species*:
(Trianthema) **hecatandra** [w MF Newman] (Venezuela) 1994.

†**Winkler**, [née Morton,] Agnes (21 Oct 1903–29 Apr 1981); Albuquerque, New Mex public schools teacher; mother of J Winkler;
disc *species*:
(Pediocactus) **winkleri** [w J Winkler] (Utah) 1975 (desc by KD Heil 1979 & na J Winkler).

†**Winkler**, Eduard (1799–29 Dec 1862); {Winkl.};
desc *species*:
(Umbilicus) **glaber** [w EA von Regel] (central & n Afghanistan into Turkey & Tadzhikistan) 1879 —> **Rosularia glabra** by A Berger 1930.

†**Winkler**, (Prof) (Dr) Hans Karl Albert (23 Apr 1877–22 Nov 1945); {H.K.A.Winkl.}; Ger botanist; PhD at Leipzig Univ 1898; botany lecturer at Tübingen Univ 1901–05 & prof of forest botany 1905–12; dir of Bot Gardens & prof at Univ of Hamburg, Ger 1912~;
explored in Ceylon, Java, New Guinea, New Zealand, Samoa & N Amer 1903–04 &
in central Borneo 1924–25;
***species* nah:**
(Sarcophagophilus) **winkleri** (SWAfrica) (desc by MK Dinter 1923 & disc by MK Dinter 1922) & —> **Caralluma winkleri** by AC White & BL Sloane 1937.

†**Winkler**, (Prof) (Dr) **Hubert** [JP] (13 Feb 1875–10 Jun 1941); {H.J.P.Winkl.}; Ger botanist; PhD at Breslau Univ 1905 as student of FA Pax; prof at Breslau Bot Museum 1906~;
explored in Borneo, Java, Malaysian Peninsula & Singapore 1908 & in East Africa 1910;
disc *species*:
(Euphorbia) **hubertii** (Tanzania) 1910 (desc & nah by FA Pax 1912).

Winkler, Jim; son of A Winkler;
disc *species*:
(Pediocactus) **winkleri** [w A Winkler] (Utah) 1975 (desc by KD Heil 1979 & na J Winkler).

Winter, (Dr) Bernard de (31 Jul 1924–); RSA botanist & specialist on grasses;

DSc at Pretoria Univ 1963; to Kew 1950–54; founded herbarium in Namibia 1958; worked at Natl Herbarium Division of Botany at Bot Research Institute, Pretoria, RSA 1947–1950 & 1959–89 (dir 1973–89); explorer & collector in RSA, Namibia, Botswana & Rhodesia; spouse Mayda [née Henderson] Winter, a botanist at Bot Research Institute;
***species* nah:**
(Aloe) **dewinteri** (Namibia) (desc & nah by JWH Giess 1973);
disc *species*:
(Brachystelma) **stellatum** [w LEW Codd] (Limpopo) (desc by EA Bruce & RA Dyer 1954).

†**Winter**, Hildegard (1893–1975); Ger; importer of cacti collected by brother in Mex & S Amer; produced trade catalogues 1931~, including travelogues w field data;
brother F Ritter;
***genera* nah:**
Hildewintera (desc & nah by F Ritter 1966) (syn of Cleistocactus),
Winteria (desc & nah by F Ritter) 1962 (syn of Cleistocactus),
***species* nah:**
(Mamm) **winterae** (Nuevo Leon) (desc & nah by F Boedeker 1929 & disc by F Ritter).

Winter, Pieter JD (1964–); {P.J.D.Winter}; RSA bot taxonomist;
MSc at Rand Afrikaans Univ & worked there until 1996; biodiversity information management unit, South African Natl Biodiversity Institute, Claremont, RSA 2004;
Book [2012] *Naturalised & Invasive Succulents of Southern Africa, ABC Taxa Journal Vol 11* [w M Walters, E Figueiredo, NR Crouch, GF Smith, HG Zimmermann & BK Mashope]; RSA; Eng; 360p;
desc *species*:
(Khadia) **media** [w N Hahn] (Limpopo) 1999.

Wipff, Joseph K; US; botanist at Bot Research Center, Bryan, Texas;
Book [1997] *Vascular Plants of Texas* [w SD Jones & PM Montgomery] Austin, Texas; Eng; 404p; (includes Agavaceae, Aloe, Cactaceae & Crassulaceae).

Wirth, Wolfgang;
Book [1994] *Mit Aloe heilen* = "With Aloe" Steyr, Austria; 88p.

†**Wislizenus**, (Dr med) Friedrich [Frederick] Adolph [Adolphus] (21 May 1810–23 Sep 1889); {Wisl.}; Ger physician, naturalist & writer;
to US 1835; physician partner with GT Engelmann in St Louis, Missouri, 1839;
botanist & cactologist; explored & collected plants in New Mex & n Mex 1846–47 & in Calif 1850–52;
Book [1848] *Memoir of a Tour of Northern Mex 1846–1847* DC; w (Col) Doniphan expedition; Eng; 141p; (1969 reprint);
disc *species*:
(Echinocactus) **unguispinus** (Chihuahua, Zacatecas, Durango, San Luis Potosi) (desc by

GT Engelmann 1848) —> **Sclerocactus unguispinus** by NP Taylor 1987,
(Echinocactus) **wislizeni** (New Mex, Arizona, Texas, Chihuahua, Sonora) 1846 (desc & nah by G Engelmann 1848) —> **Ferocactus wislizeni** by NL Britton & JN Rose 1922,
(Echinocereus) **dasyacanthus** (Texas, New Mex, Chihuahua, Coahuila) 1846 (desc by GT Engelmann 1848),
(Echinocereus) **polyacanthus** (Chihuahua, Durango) 1846 (desc by GT Engelmann 1848),
(Echinocereus) **triglochidiatus** (Arizona, New Mex, Colorado) 1846 (desc by GT Engelmann 1848),
(Echinocereus) **viridiflorus** (New Mex, Colorado, Wyoming, S Dakota, Kansas, Oklahoma, Texas) 1846 (desc by GT Engelmann 1848),
(Fouquieria) **splendens** (sw US, n Mex) 1847 (desc by GT Engelmann 1848),
(Mamm) **barbata** (Chihuahua) 1846 (desc by GT Engelmann 1848),
(Mamm) **compacta** (Chihuahua, Durango) (desc by GT Engelmann 1848) —> **Coryphantha compacta** by NL Britton & JN Rose 1923,
(Mamm) **gummifera** (Chihuahua) 1846 (desc by GT Engelmann 1848) —> **Mammillaria heyderi** ssp **gummifera** by DR Hunt 1997,
(Mamm) **macromeris** (New Mex, Coahuila, San Luis Potosi, Chihuahua) 1846 (desc by GT Engelmann 1848) —> **Coryphantha macromeris** by AC Lemaire 1868,
(Opuntia) **engelmannii** (Chihuahua, Aguascalientes, Chihuahua, Coahuila, Neuvo Leon, San Luis Potosi, Tamaulipas, Zacatecas, Durango) 1846 (desc by JFM Salm-Dyck 1850 & na GT Engelmann),
(Yucca) **elata** (Arizona, New Mex, Texas) 1846 (desc by GT Engelmann 1882),
(Yucca) **intermedia** (New Mex) 1846 (desc by SMA McKelvey 1947) —> **Yucca baileyi** var **intermedia** by JL Reveal 1977.

†**Wiss**, E;
Book [1925] *Yucca, Eine Deutsche Faserpflanze* Griesheim; 100p.

Wissmann, Hermann von (4 Sep 1853–15 Jun 1905); Ger scientist & geographer; collected in Saudi Arabia & Yemen 1927–28;
spouse (Dr) Bettina von Wissmann-Rinaldini;
species **nah:**
(Caralluma) **wissmannii** (Saudi Arabia, Yemen) (desc & nah by O Schwartz 1939) —> **Orbea wissmannii** by PV Bruyns 2001.

Wisura, Walter (31 Jan 1933–); {Wisura}; Prussian to RSA to US; horticulturist of succ collection at Natl Bot Garden, Kirstenbosch, RSA 1968–76 (succeeding H Hall); plant propagator at Santa Ana Bot Gardens, Calif 1976~; collected in Northern Cape;
Book [1993] *Studies on the Mesemb (Aizoaceae)* [w D Stuber, HEK Hartmann & HF Glen]; 107p;
desc *subsp*:
(Carpobrotus edulis ssp) **parviflorus** [w HF Glen] (Western Cape) 1993;
disc *variety*:

(Conophytum edwardsiae var) **albiflorum** (Cape) c1965 (desc by R Rawe 1971)
—> **Conophytum albiflorum** by SA Hammer 1993.

†**Witsen**, Nicolaes [Nicolaas Corneliszoon] (8 May 1641–10 Aug 1717); Dutch naturalist; wealthy & skilled in mathematics, astronomy, physics, ship-building, navigation, exotic plants; mayor of Amsterdam 1682–1706; trustee of Dutch East India Company; trustee of Medical Garden & his own herbarium in Amsterdam; close associate of C Commelijn & P Hermann; spouse Catharina [née Hochepied] Witsen;
Book [c1692] *Codex Witsen* = "Witsen's Codex"; (in 3 Vols); includes colored plates of Cape flora (Aloe & Caralluma) & fauna believed to be drawn by artist H Claudius.

†**Witt**, (Mr) NH (fl. 1900); {Witt}; British merchant in Manaus, Erlado do Amazonas B, Brazil;
***genus* nah:**
Wittia (Panama, Colombia, Peru) (desc & nah by KM Schumann 1903) (syn of Pseudorhipsalis B&R);
disc *species*:
(Cereus) **wittii** (Amazonas B, Colombia, Peru, Venezuela) (desc & nah by KM Schumann 1900) —> **Strophocactus wittii** by NL Britton & JN Rose 1913.

Wium, EJF;
disc *species*:
(Delosperma) **wiumii** (Free State) 1954 (desc & nah by MG Lavis 1967).

†**Woerden**, C van;
Book [1939] *Cactussen en hunne Cultuur in Nederlandsch-Indie* Amsterdam, Netherlands; Dutch; 105p.

Wohlschlager, Michael (1936–); Austrian in Moosbrunn; collected in Mex;
disc *species*:
(Coryphantha) **wohlschlageri** (San Luis Potosi) 1985 (desc & nah by E Holzeis 1990),
(Mamm) **boelderliana** (Zacatecas) 1988 (disc by him 1987).

Wojnowski, Wieslaw;
Book [1968] *Kaktusy* Chorzow, Poland; 24p + 1 color plate.

†**Wolf**, (Dr) Carl Brandt (22 Mar 1905–10 Feb 1974); {C.B.Wolf}; US botanist;
PhD at Stanford Univ 1930; botanist at Rancho Santa Ana Bot Garden 1930–45;
manager of Sespe Land & Water Company, Fillmore, Calif 1945–67; collected in Mex & US;
***species* nah:**
(Nolina) **wolfii** (Calif) (desc & nah by PA Munz 1974) —> **Nolina bigelovii** ssp **wolfii** by E Murray 1983;
desc *species*:

(Opuntia) **munzii** (Calif, Baja Calif) 1938 (disc by CB Wolf 1931 & na PA Munz) —> **Cylindropuntia munzii** by C Backeberg 1966;

desc *subsp*:

(Opuntia acanthocarpa ssp) **ganderi** (Calif, Baja Calif) 1938 (disc by F Gander1937 & na him) —> **Cylindropuntia ganderi** by JP Rebman & DJ Pinkava 2001;

disc *variety*:

(Opuntia echinocarpa var) **wolfii** (Baja Calif, Calif) 1938 (desc & nah by LD Benson 1969) —> **Cylindropuntia wolfii** by MA Baker 2001.

Wolf, Franziska; {F.Wolf}; spouse R Wolf;
Book [2004] *Die Ferokakteen der Baja California* = "The Ferocacti of Baja California" [w R Wolf] Austria; Ger/Eng; 240p w many color photos;

desc *species*:

(Mamm) **linaresensis** [w R Wolf] (Nuevo Leon) 1990 (disc by DR Hunt 1973).

†**Wolf**, (Dr med) Nathanael Matthaeus von (28 Jan 1724–15 Dec 1784); {Wolf}; Polish physician, scientist & astronomer in Danzig; MD at Univ of Erfurt 1748; FRS 1777;

desc *genus*:

Bulbine (Africa, Australia) 1776.

Wolf, Richard (fl. 1986); {R.Wolf}; Ger succ grower in Langen; IOS member 1991; spouse F Wolf;
Book [1989] *Internationales Sukkulentenjahrbuch 1989* = "comprehensive bibliography of succ journals" Langen, Ger; Ger; 171p; (...*1990* [1991]; Ger; 197p),
[1991] *Wegweiser Durch die Deutsche Kakteenlandschaft* Langen; 329p,
[1992] *International Shopping Guide C&S 1992/93* Langen; Ger/Eng; 253p,
[2004] *Die Ferokakteen der Baja California* = "The Ferocacti of Baja California" [w F Wolf] Austria; Ger/Eng; 240p w many color photos;

desc *species*:

(Mamm) **linaresensis** [w F Wolf] (Nuevo Leon) 1990 (disc by DR Hunt 1973).

†**Wolf**, W de;
Book [1933] *Cactussen* Enkhuizen, Netherlands; 32p.

†**Wolf**, Wolfgang (16 Jan 1872–22 Sep 1950); {W.Wolf}; Bavarian clergyman & amateur botanist; to US 1890s; prof at St. Bernard College, Alabama 1897~; collected in Alabama; known as Brother Wolfgang;

desc *species*:

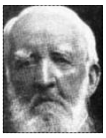
(Talinum) **appalachianum** (Alabama) 1939,
(Talinum) **mengesii** (Georgia, Alabama, Tennessee) 1920.

†**Wollaston**, (Dr med) Alexander Frederick Richmond [**Sandy**] (22 May 1875–3 Jun 1930); British physician, ornithologist & naturalist; graduate at King's College, Cambridge 1896 & as surgeon 1903; collected in Uganda & Sudan 1905–07 & Dutch New Guinea 1910–13; naturalist member of Mount Everest Expedition 1921; spouse Mary Amelia 'Polly' (née Meinertzhagen] Wollaston (1889–1943);
disc *species*:
(Aloe) **wollastonii** (Kenya, Tanzania, Uganda, Zaire) (desc & nah by AB Rendle 1918) —> **Aloe macrocarpa** ssp **wollastonii** by E Wabuyele 2006.

†**Wolley-Dod**, Anthony Hurt (17 Nov 1861–21 Jun 1948); {Wolley-Dod}; British soldier & amateur botanist; explored & collected in sw Cape while military inspector in ordinance dept in Cape Town, RSA, 1896–98 & in RSA 1900–01, in Gibraltar 1913–14 & in Calif 1921; first spouse Agnes Gardyne [née Mackintosh] Wolley-Dod (–1917);
second spouse Eileen [née Griffin] Wolley-Dod;
***species* nah:**
(Crassula) **dodii** (Western Cape) (desc & nah by S Schonland & EG Baker 1898);
disc *species*:
(Crassula) **promontorii** (Western Cape) (desc by S Schonland & EG Baker 1898) —> **Crassula capensis** var **promontorii** by HR Tolken 1975;
desc *species*:
(Mesemb) **calcaratum** (Western Cape) 1900 —> **Lampranthus calcaratus** by NE Brown 1930,
(Umbilicus) **citrinus** (Spain) 1914.

Wolthuys, JJ Verbeek — See **Verbeek Wolthuys**, JJ.

†**Wood**, Allen H;
Book [1939] *Grow Them Indoors* London, Eng; Eng; 186p; chapter of 26p on c&s; (reprints 1949 & 1952).



†**Wood**, (Dr hc) John **Medley** (1 Dec 1827–26 Aug 1915); {J.M.Wood}; British farmer & amateur botanist to RSA 1852; farmer in RSA 1852–82; curator of Bot Gardens, Durban, RSA 1882–1903; founder & dir of Natal Herbarium 1903–13; honorary DSc from Univ of Cape Good Hope, RSA 1913; studied native flora that he sent to Kew; collected in RSA; spouse Elizabeth [née Haygarth] Wood;
Book [1890] *Catalogue of Plants in Natal Bot Gardens, Durban* Durban; 85p,
[1899–1912] *Natal Plants* Durban, RSA; in 6 Vols w 100 plates in each Vol; Vol 1 co-authored w MS Evans; (first illustrated bot books produced in RSA);
[1907] *A Handbook of the Flora of Natal* Durban; 202p;
***species* nah:**
(Ceropegia) **woodii** (Natal, Eastern Cape, Western Cape, Swaziland, Zimbabwe, Kenya) (desc & nah by FRR Schlechter 1894) —> **Ceropegia linearis** ssp **woodii** by HFJ Huber 1957,
(Cotyledon) **woodii** (Western Cape, Eastern Cape) (desc & nah by S Schonland & JG Baker

1902 & disc by JM Wood),
(Euphorbia) **woodii** (Natal) (desc & nah by NE Brown 1915 & disc by T Cooper 1861),
(Ipomoea) **woodii** (Mozambique, Natal) (desc & nah by NE Brown 1894) —> **Stictocardia woodii** by JG Hallier 1898,
(Plectranthus) **woodii** (RSA) (desc & nah by RLA Gurke 1898),
(Schizoglossum) **woodii** (Natal) (desc & nah by FRR Schlechter 1895) —> **Aspidoglossum woodii** by FK Kupicha 1984;
disc *species*:
(Aulostephanus) **natalense** (Natal) 1883 (desc by FRR Schlechter 1896) —> **Brachystelma natalense** by NE Brown 1908,
(Gerrardanthus) **tomentosus** (Natal) 1874 (desc by JD Hooker c1880),
(Senecio) **medley-woodii** (Natal) c1890 (desc & nah by J Hutchinson 1923),
(Stapelia) **woodii** (Natal) c1890 (desc & nah by NE Brown 1892) —> **Orbea woodii** by LC Leach 1975;
desc *species*:
(Kalanchoe) **longiflora** (Natal) 1903.

Wood, John Richard Ironside (6 Dec 1944–); {J.R.I.Wood}; British inspector of schools in Yemen; amateur botanist; worked on aloe flora in Saudi Arabia; explored in Natal c1890; collected in Saudi Arabia, Yemen, Natal, Somalia, Colombia & Bolivia;
***species* nah:**
(Aloe) **woodii** (Saudi Arabia, Yemen) (desc & nah by JJ Lavranos & IS Collenette 2000);
desc *species*:
(Aloe) **castellorum** (Saudi Arabia, Yemen) 1983,
(Aloe) **yemenica** (Saudi Arabia, Yemen) 1983,
(Euphorbia) **fractiflexa** [w S Carter] (Arabian Peninsula) 1982,
(Euphorbia) **uzmuk** [w S Carter] (Yemen) 1982,
(Huernia) **laevis** (Yemen) 1984;
transfer *species*:
"Smilacina forskaoliana" (JH Schultes 1829) —> **Sansevieria forskaoliana** [w FN Hepper] 1983.

Wood, Royce; US; artist of numerous succ plants;
Book [c1979] *Royce Wood Succ Sketches* Northridge, Calif; Eng; 8 plates.

†**Woodburn**, (Mrs) M;
***species* nah:**
(Mesemb) woodburniae (Western Cape) (desc & nah by HML Bolus 1928)
—> Lampranthus woodburniae by NE Brown 1930.

†**Woodbury**, LA;
Book [1895] *Analysis of data on Structure of Populations of Pediocactus sileri located on BLM Land in the Arizona Strip*; 39p.

Woodin, Ann; US writer in Tucson, Arizona;
spouse Bill Woodin, dir at Arizona-Sonora Desert Museum, Tucson in 1950s;
Book [1964] *Home is the Desert* NYC; Eng; 247p,
[1967] *Cactus* Garden City, NY; Eng; 63p.

Woodruff, Dorde (fl.1988); US specialist on cacti; protégé of LD Benson;
transfer *variety*:
"Echinocactus whipplei var spinosior" (GT Engelmann 1863) —> **Sclerocactus spinosior** [w LD Benson]1976.

†**Woods**, Robert S (1886–Sep 1967); US in Azusa, Calif;
ornithologist, cactus researcher & culturalist; spouse Florence Woods;
Book[1938] *Glossary of Succ Plant Terms* [w WT Marshall] Los Angeles, Calif; Eng; 112p,
[1944] *The Naturalist's Lexicon* Pasadena, Calif; Eng; 282p,
[1947] *Addenda to the Naturalist's Lexicon* Pasadena; Eng; 47p.

†**Woodson**, (Prof) (Dr) **Robert** Everard, Jr (28 Apr 1904–6 Nov 1963); {Woodson};
US botanist; PhD at Washington Univ, St. Louis, Missouri 1929; instructor & prof of botany at Washington Univ 1929~; assistant & curator of Missouri Bot Garden 1928~;
Book [1958] *Flora of Panama Including Cactaceae* St Louis, Missouri; Eng; 91p;
desc *species*:
(Matelea) **dictyantha** (Guerrero, Puebla, Oaxaca, Jalisco) 1941,
(Matelea) **hemsleyana** (Mex, El Salvador, Guatemala) 1941 (na WB Hemsley),
(Matelea) **standleyana** (Veracruz, Oaxaca, Chiapas) 1941 (na PC Standley);
transfer *species*:
"Callisia grandiflora" (JD Smith 1901) —> **Tripogandra grandiflora** 1942,
"Dictyanthus pavonii" (J Decaisne 1844) —> **Matelea pavonii** 1941,
"Dictyanthus tuberosus" (BL Robinson 1892) —> **Matelea tuberosa** 1941,
"Spironema fragrans" (J Lindley 1840) —> **Callisia fragrans** 1942,
"Vincetoxicum cyclophyllum" (PC Standley 1924) —> **Matelea cyclophylla** 1941.

†**Woodward**, TE; US; worked at dairy experimental farm, USDA, Beltsville, Maryland;
Book [1915] *Prickly Pears as a Feed for Dairy Cows* [w D Griffiths & WF Turner] DC; Eng; 44p.

†**Wooley**, (Major) Charles Hugh Frederick (1894-1969); RSA Major in Royal Marines;
citrus farmer & amateur naturalist in Addo, RSA; plant collector;
***genus* nah:**
Wooleya (Little Namaq) (desc & nah by HML Bolus 1960);
***species* nah:**
(Haworthia) **woolleyi** (Eastern Cape) (desc & nah by JKL von Poellnitz 1937) —> **Haworthia venosa** ssp **woolleyi** by JJ Halda 1997.

†**Woolley**, (Mr) ?; Barberton, RSA in 1930s;
species **nah:**
(Aloe) **woolliana** (Limpopo, Mpumalanga) (desc by IB Pole-Evans 1934) —> **Aloe chortolirioides** var **woolliana** by HF Glen & DS Hardy 1987.

†**Wooton**, Elmer Ottis (19 Sep 1865–20 Nov 1945); {Woot.}; US Botanist;
BS at Earlham College, Richmond, Indiana 1889; prof of sciences at
New Mex College of Agriculture & Mechanic Arets, Las Cruces 1890–1911;
worked at USDA 1911–35; collected in Chihuahua 1899 & in New Mexico;
Book [1911] *Cacti in New Mex* Santa Fe, New Mex; Eng; 70p,
[1915] *Flora of New Mexico* [w PC Standley] DC; Eng; 794p,
[1918] *Certain Desert Plants as Emergency Stock Feed*; Eng; 27p; (Agavaceae, Nolinaceae);
desc *species*:
(Agave) **neomexicana** [w PC Standley] (New Mex, Texas into Mex) 1913,
(Talinum) **longipes** [w PC Standley] (New Mex) 1913,
(Talinum) **longipes** [w PC Standley] (New Mex, Texas) 1913,
(Yucca) **baileyi** [w PC Standley] (Utah, Colorado, Arizona, New Mex) 1913,
(Yucca) **neomexicana** [w PC Standley] (Colorado, New Mex) 1913 —> **Yucca harrimaniae** var **neomexicana** by JL Reveal 1977.

†**Wordsworth**, (Mrs) R;
disc *species*:
(Mesemb) **wordsworthiae** (Western Cape) c1899 (desc & nah by HML Bolus 1922)
—> **Lampranthus wordsworthiae** by NE Brown 1930.

†**Woronow**, [Voronov,] Georg Jurij [Gjurij] Nikolaewitch (1 Jun 1874–10 Dec 1931);
Russian botanist; dir of herbarium at Tbilissi, Georgia;
species **nah:**
(Sedum) **woronowii** (Yunnan) (desc & nah by Raymond-Hamet 1910).

†**Worth**, Ms EM; cacti enthusiast;
Book [1912] *Cacti, Grandest Flowers on Earth* Spalding; 16p; (4¾x3⅝ booklet).

Wouters, Liliane;
Book [1983] *L'Aloes* Paris, France; French; 270p.

Wozniak, (Dr) Jerzy; Polish succulentophiles & author; IOS member 2002;
Book [1998] *Ferocactus*; 64p,
[2009] *Ferokaktusy* Warsaw, Poland; 116p w 160 color photos.

†**Wreford-Smith**, Herbert (1890–1962); Eng to RSA 1890 & to Kenya 1908;
farmer, prospector & naturalist in Kenya & Uganda;

spouse Dorothy [**Doss**] Pattison [née Gowans] Wreford-Smith (1886–1959);
disc *species*:
(Aloe) **wrefordii** (Kenya, Sudan, Uganda) (desc & nah by GW Reynolds 1956).

†**Wright**, Charles [Carlos] (29 Oct 1811–11 Aug 1885); {C.Wright}; US surveyor & teacher; studied at Yale College 1831–35; joined WH Emory Mex-US Boundary survey expedition 1851–52; explored extensively for A Gray in Cuba 1856–57; collected in Texas, New Mex, Arizona, Mex, Japan, ne Asia & Central Amer;
***species* nah:**
(Agave) **wrightii** (Central Amer) (desc & nah by JR Drummond 1909),
(Leptocereus) **wrightii** (Cuba) (desc & nah by JSS Leon),
(Sedum) **wrightii** (Texas, New Mex) 1852 (desc & nah by A Gray);
disc *species*:
(Cereus) **chloranthus** (Texas, New Mex, Chihuahua) 1952 (desc by GT Engelmann 1856) —> **Echinocereus viridiflorus** ssp **chloranthus** by NP Taylor 1997,
(Cereus) **nudiflorus** (Cuba) 1854 (desc by GT Engelmann 1869) —> **Dendrocereus nudiflorus** by NL Britton & JN Rose 1920,
(Cereus) **stramineus** (Texas, New Mex, Chihuahua, Coahuila, Durango, Nuevo Leon, San Luis Potosi) 1851 (desc by GT Engelmann 1856) —> **Echinocereus stramineus** by F Seitz 1870,
(Mamm) **dasyacantha** (New Mexico, Texas, Chihuahua, Coahuila) 1852 (desc by GT Engelmann 1856) —> **Escobaria dasyacantha** by NL Britton & JN Rose 1923,
(Mamm) **echinus** (Texas, Chihuahua, Coahuila) 1849 (desc by GT Engelmann 1856) —> **Coryphantha echinus** by CR Orcutt 1922,
(Mamm) **grahamii** (Texas, Arizona, New Mex) 1852 (desc by GT Engelmann 1856 & na JD Graham),
(Mamm) **wrightii** (New Mex, Texas, Arizona, Sonora, Chihuahua) 1851 (desc & nah by GT Engelmann 1856),
(Opuntia) **macrocentra** (Arizona, Texas, New Mex, Chihuahua, Coahuila, Sonora) 1852 (desc by GT Engelmann 1856),
(Opuntia) **strigil** (Texas, Nuevo Leon, Chihuahua, Coahuila) 1851 (desc by GT Engelmann 1856);
desc *species*:
(Cereus) **assurgens** (Cuba) 1866 (disc by him) —> **Leptocereus assurgens** by NL Britton & JN Rose 1909,
(Cereus) **nudiflorus** (Cuba) 1869 (disc by him 1854) —> **Dendrocereus nudiflorus** by NL Britton & JN Rose 1920;
disc *variety*:
(Cereus viridiflorus var) **cylindricus** (Coahuila, New Mexico, Texas) 1851 (desc by GT Engelmann 1856) —> **Echinocereus viridiflorus** ssp **cylindricus** by NP Taylor 1997,
(Echinocactus uncinatus var) **wrightii** (New Mexico, Texas) 1852 (desc & nah by GT Engelmann 1856) —> **Sclerocactus uncinatus** ssp **wrightii** by NP Taylor 1998.

Wright, David E;
Book [1997] *Stuck on Cactus: A Beginning Grower's Guide*; Eng; 80p.

Wright, [née Wolcott, & later Woodruff,] Dorothea [**Dorde**] (1928–);
US at Salt Lake City, Utah;
disc *species*:
(Sclerocactus) **wrightiae** (Utah) 1961 (desc & nah by LD Benson 1966).

Wright, James; zoologist;
disc *species*:
(Echeveria) **utcubambensis** [w PC Hutchison] (Amazonas A) 1964 (desc by MW Kimnach 2002).

Wright, Jerry K;
disc *species*:
(Peperomia) **erosa** [w PC Hutchison] (Peru) 1964 (desc by G Pino 2012),
(Peperomia) **mathieui** [w PC Hutchison] (Peru) 1964 (desc by G Pino & M-S Samain 2012 & na G Mathieu).

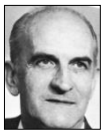
†**Wright**, [née Suarez Galban] Ysabel (25 Dec 1885–1 Jul 1960); {Y.Wright};
born in Cuba to New York to Montecito, Calif 1918; became a cactus enthusiast while in Calif w a famous 'Quien Sabe' garden started in 1926, including cactus from 1928; became a leading author in the early CSSA Journals; due to depression of 1930s, moved back East in 1937; many 'Quien Sabe' cactus moved to Huntington Desert Garden after 1937; spouse John Dutton Wright (1866–1952);
desc *species*:
(Coryphantha) **hesteri** (Texas) 1932 (disc by JP Hester 1930 & nah) —> **Escobaria hesteri** by F Buxbaum 1951.

Wright-Frierson, Virginia; US artist & illustrator of children books;
FBA in painting at Univ of N Carolina, Greensboro 1971; spouse Dargan Frierson;
Book [1996] *A Desert Scrapbook: Dawn to Dusk in the Sonoran Desert*; Eng; 40p w colored illustrations; juvenile book.

Wrigley, TC [Chris];
Book [1971] *Sedums: Some Observations on the Genus by a Study Group of the Succ Plant Institute* [w JA Hart] Surrey, Eng; Eng; 56p; (editors of).

Wu, ZF (fl. 1990); {Z.F.Wu};
desc *species*:
(Sedum) **kiangnanense** [w DQ Wang] (China) 1990 (disc by DQ Wang 1988).

†**Wulfen**, Franz Xaver Freiherr von (5 Nov 1728–17 Mar 1805); Austrian Jesuit priest, teacher, artist, lichenologist, mineralogist, naturalist & botanist;
dedicated to natural sciences & philanthropic work at Klagenfurt, Austria 1769~;
***species* nah:**
(Sempervivum) **wulfenii** (desc & nah by FC Mertens & WDJ Koch 1831).



†**Wulff**, (Dr) Heinz Diedrich (18 Jan 1910–); {H.Wulff}; Ger pharmacologist; PhD at Univ of Kiel, Ger 1933; prof at Univ of the Saarland, Saarbrücken 1957~;
student of Mesembs;
desc *species*:
(Gibbaeum) **tischleri** (RSA) 1949 (na G Tischler).

†**Wurdack**, (Dr) John Julius (28 Apr 1921–13 May 1998); US botanist; associate curator at NY Bot Garden 1949–60; PhD w thesis on Andean genus Brachyotum 1952; worked & later curator at Natl Museum of Natural History, Smithsonian Institute 1960~;
specialist on neotropical flora; collected in n S Amer, especially Venezuela;
disc *species*:
(Echeveria) **wurdackii** (Amazonas A) 1962 (desc & nah by MW Kimnach 2002).

Wyk, (Dr) Abraham Erasmus [**Braam**] van (19 Feb 1952–); {A.E. van Wyk}; RSA botanist & plant taxonomist; PhD at Univ of Pretoria; lecturer in dept of botany & curator of HGWJ Schweickerdt Herbarium at Pretoria Univ 1977~;
SSSA Allen Dyer award 2003; spouse Heloise Van Wyk;
Book [1988] *Field Guide to the Wild Flowers of the Witwatersrand & Pretoria Region* Cape Town; 353p w 807 color photos; (includes Asclepiadaceae, Aloe/Liliaceae, Euphorbia & Mesembryanthemaceae families;
[2001] *Regions of Floristic Endemism in Southern Africa, a Review with Emphasis on Succ* [w GF Smith] RSA; Eng?; 199p,
[2008] *Aloes in southern Africa* [w GF Smith] Cape Town, RSA; Eng?; 136p w 202 color photos; (1st edition in 1996 w 302p);
desc *species*:
(Albuca) **cremnophila** [w EJ van Jaarsveld] (Eastern Cape) 2000,
(Aloe) **challisii** [w EJ van Jaarsveld] (Mpumalanga) 2006 (disc by EJ van Jaarsveld & C Challis & na C Challis),
(Brachystelma) **molaventi** [w R Peckover] (Natal) 2000,
(Crassula) **cremnophila** [w EJ van Jaarsveld] (Eastern Cape) 2000,
(Cyphostemma) **rubroglandulosum** [w E Retief] (Natal) 1996,
(Haemanthus) **pauculifolius** [w DA Snijman] (Mpumalanga) 1993;
desc *variety*:
(Gasteria batesiana var) **dolomitica** [w EJ van Jaarsveld] (Mpumalanga) 2000 (disc by EJ van Jaarsveld & A Hankey 1996).

Wyk, (Prof) (Dr) Ben-Erik van (27 Dec 1956–); {B.-E.van Wyk}; RSA botanist; PhD in botany at Univ of Cape Town, RSA 1989; prof of botany at Univ of Johannesburg, RSA 1990~; authority on medicinal plants, mesembs, & other plants; mother E Bodley;
Book [1991] *Systematics, Biology & Evolution of some South African Taxa* {w HEK Hartmann, EGH Oliver, P Goldblatt, HP linder] Cape Town, RSA; 288p,
[1996] *Guide to the Aloes of South Africa* [w GF Smith] Pretoria, RSA; Eng; 302p,
[1998] *Mesembs of the World — Illustrated Guide to a Remarkable Succ Group* [w GF Smith, P Chesselet, EJ van Jaarsveld, HEK Hartmann, SA Hammer, P Burgoyne, C Klak & H Kurzwell] Pretoria; Eng; 405p,
[2000] *Succ of Southern Africa (a guide to the regional diversity)* [w EJ van Jaarsveld & GF Smith] Cape Town, RSA; Eng; 144p,
[2001] *Regions of Floristic Endemism in Southern Africa (a review w emphasis on succ)* [w GF Smith] RSA; 199p,
[2008] *Guide to Garden Succulents* [w GF Smith] Pretoria; Eng; 320p w over 500 color photos.

†**Wylie**, James [John] (17 Nov 1861–2 Jul 1947); Scotland to Durban, Natal, RSA 1882; gardener at Durban Bot Garden, Natal under JM Wood 1882–1912 & second curator 1913~; collected for JM Wood of Natal Herbarium;
disc *species*:
(Brachystelma) **perditum** (Lesotho, Natal) (desc by RA Dyer 1977).

Wyly, CC;
Book [1971] *Ecology & Cacti* Houston, Texas; Eng; 6p.

X

†**Xantus**, [de Vesey] John [János] (5 Oct 1825–13 Dec 1894); Hungarian lawyer, zoologist, & naturalist; to US 1851; collected in Baja Calif 1862–64 for Smithsonian Institution; returned to Europe 1864; dir of zoo 1866~ & curator of ethnography dept of Natl Museum 1872~ in Budapest, Hungary; collected in Ceylon, Singapore, Thailand, Borneo & Japan for Natl Museum of Natural History 1869–71;
***species* nah:**
(Euphorbia) **xanti** (Baja Calif) (desc & nah by PE Boissier 1862).

Xhonneux, Guy Marie [Guido] (1953–); {Xhonneux}; French horticulturist; to Colombia 1979; owner of *Cactus Cachipay* in Cundinamarca, Colombia;
Book [2002] *Taxonomic News & Synopsis of the Genus Melocactus—Link & Otto in Colombia* [w JL Fernandez-Alonso]; Eng; 14p w 10 color photos;
desc *species*:
(Melocactus) **hernandezii** [w JL Fernandez-Alonso] (Colombia) 2002

(na JI Hernandez-Camacho & disc by *Carlos Saravia et al.*1964) —> **Melocactus andinus** ssp **hernandezii** by NP Taylor 2003;
desc *subsp*:
(Melocactus schatzlii ssp) **chicamochae** [w JL Fernandez-Alonso] (Colombia) 2002.

Xie, Weisun (1946–); China;
Book [1991] *C&S* [w M Xu] Beijing, China; Chinese; 211p + 18 color plates.

Xu, Minsheng (1937–); China;
Book [1987] *The Cultivation of Cacti* China; Chinese; 140p + 4 color plates,
[1991] *C&S* [w W Xie] Beijing, China; Chinese; 211p + 18 color plates.

Y

†**Yamamoto**, (Prof) (Dr) Yoshimatsu [Wakamori] (15 Dec 1893–28 Jun 1947); {Yamam.}; Japanese botanist; PhD at Tokyo Imperial Univ 1934; prof of science & agriculture at Taihoku Imperial (National Taiwan) Univ, Taiwan 1928~;
desc *species*:
(Kalanchoe) **tashiroi** (Taiwan) 1926 (na Y Tashiro),
(Sedum) **actinocarpum** (Taiwan) 1926,
(Sedum) **nokoense** (Taiwan) 1926,
(Sedum) **parvisepalum** (Taiwan) 1926,
(Sedum) **sekiteiense** (Taiwan) 1926.

Yang, Chang You (1928–); {Chang Y.Yang};
desc *species*:
(Rhodiola) **junggarica** [w NR Cui] (China) 1982 (disc by NR Cui 1973).

Yang Ya Tang,; Taiwanese horticulturist;
Book [1993] *C&S* [w Yueh Tu Chih & Koo Yan Ming] Taipei, Taiwan; Taiwanese; 160p w 206 color photos.

Yetman, (Dr) David A; US social scientist & photographer; PhD in philosophy at Univ of Arizona 1972; host of public television series *The Desert Speaks* 2001~; research social scientist at Univ of Arizona's Southwest Center; explored in Latin Amer 1961~; CSSA Conservation award 2009;
Book [2006] *Organ Pipe Cactus* Tucson, Arizona; Eng; 70p,
[2008] *The Great Cacti, Ethnobotany & Biogeography* Tucson, Arizona; Eng; 320p w 366 color photos,
[2008] *A Desert Illuminated: Cactus Flowers of the Sonoran Desert* [w J Alcock, J Janovy &

MA Dimmitt] Tucson, Arizona; Eng; 111p w color photos.

Yildiz, (Prof) (Dr) Bayram (1946–); {Yildiz}; Turkish botanist;
prof at Balikesir Univ, Turkey;
***species* nah:**
(Sedum) **yildizianum** (Turkey) (desc & nah by H Sumbul 1990).

Yokoi, (Dr) Masato (1931–); Japanese horticulturist; studied ornamental horticulture at Chiba & Kyoto Univ; interested in variegated plants;
Book [1978] *Variegated Plants* [w Y Hirose] Iwakuni, Japan; Japanese; 211p w 792 color photos,
[1999–2001] *Variegated Plants in Color* [w Y Hirose] Iwakuni; Eng/Japanese;
(in 2 Vols); includes about 200 succ;
[1999] Vol 1; 296p w 16 color photos;
[2001] Vol 2; 344p w 1,500 color photos.

Yonemura, K;
Book [1979] *Studies on the Control of Flowering in Christmas Cactus* Nagakute, Japan; Japanese; 48p.

You Chong Kui, [You Chongkui,]; Taiwanese horticulturist;
Book [c1993] *C&S* Taipei, Taiwan; Taiwanese; 122p w 288 color photos.

Young, (Dr) Andrew [Andy] John (1 Apr 1959–); Scottish marine biologistin Liverpool, Eng; PhD at Liverpool Univ 1984; dir of research at John Moores Univ in Liverpool 2005~; explored in RSA 2007~;
***species* nah:**
(Conophytum) **youngii** (RSA) (desc & nah by C Rodgerson 2012 & disc by C Rodgerson 2011);
disc *subsp*:
(Conophytum buysianum ssp) **politum** [w C Rodgerson] (Western Cape) 2008(desc by them 2012).

Young, Barbara L;
Book [1977] *The World of C&S, & other Water-Thrifty Plants* [w A Quiros] San Francisco, Calif; Eng; 96p.

Young, Lesley;
Book [1989] *Success w Cacti* London, Eng; Eng; 63p.

†**Young**, (Prof) (Dr) Mary Sophie (20 Sep 1872–5 Mar 1919); {M.S.Young}; US teacher & botanist; PhD at Univ of Chicago 1910; prof at Univ of Texas, Austin 1910~ & dir of herbarium; collected in Texas;
disc *species*:

(Talinum) **youngae** (Texas, New Mex) (desc & nah by CH Muller 1933).

†**Young**, [née Matilda Jane Fuller,] Maud Jeannie (1 Nov 1826–15 Apr 1882); US writer, poet & botanist; Texas state botanist 1872–73; collected in Texas;
spouse Samuel O Young (1819–10 Nov 1847);
Book [1873] *Familiar Lessons in Botany w Flora of Texas* NYC; Eng; 646p w 136 line drawings; (first textbook on Texas botany).

Young, SE;
Book [1969] *Use of Tritiated Water to Determine Water Relationships in Prickly Pear (Opuntia ssp)*; 76p.

†**Youngblood**, (Dr) Bonney (31 Jul 1881–19 Jan 1959); US agricultural economist & rural sociologist; BS at Texas A&M, College Station 1902; PhD at Univ of Wisconsin 1921; assistant agriculturist at USDA 1907–11; dir of Texas agricultural experiment station 1911–26; to USDA in Washington 1926–50;
Book [1918] *The Utilization of Yucca for the Maintenance of Cattle* College Station, Texas; Eng; 23p.

Yuasa, (Dr) Hiroshi; Japan; Institute for Breeding Research, Tokyo Univ of Agriculture; PhD in 1967 on cytogenetics of Sedum in Japan;
Book [1989] *Chromosome Studies of the genus Echeveria (Crassulaceae)* [w T Funamoto] Tokyo, Japan; Japanese; in 2 Parts;
Part 1, 15p; Part 2, 14p.

Yueh Tu Chih,; Taiwanese horticulturist;
Book [1993] *C&S* [w Yang Ya Tang & Koo Yan Ming] Taipei, Taiwan; Taiwanese; 160p w 206 color photos.

Yumba, Muzinga (fl 1984); flower shop assistant in Lubumbashi, Zaire;
***species* nah:**
(Ceropegia) **muzingana** (Zaire) (desc & nah by F Malaisse 1984).

†**Yuncker**, (Prof) (Dr) Truman George (20 Mar 1891–8 Jan 1964); {Yunck.}; US taxonomic botanist; PhD (student of WA Trelease) at Univ of Illinois, Urbana 1919; curator of herbarium & prof of botany & bacteriology at De Pauw Univ, Greencastle, Indiana 1919~; collected in Honduras 1934, 1936 & 1938 & in Ecuador; completed WA Trelease's unfinished work after his death in 1945 on family Piperaceae of n S Amer; spouse Ethel Burnett [née Claflin] Yuncker (6 Mar 1891–20 Mar 1981) finished his last major work on *The Piperaceae of Brazil* 1972–75;
desc *species*:
(Peperomia) **carnifolia** (Cochabamba) 1953 (disc by J Steinback Kemmerich),
(Peperomia) **ferreyra** (Amazonas A) 1956 (disc by RA Ferreyra & nah),

(Peperomia) **hadrostachya** (Argentina) 1955 (disc by SA Pierotti),
(Peperomia) **hutchisonii** (Cajamarca) 1961 (disc by PC Hutchison & nah).

†**Yves**, (Mr) ? (fl. 1910);
***species* nah:**
(Sedum) **yvesii** (China) (desc & nah by Raymond-Hamet 1910).

Z

Zachar, Milan (fl. 1996);{Zachar}; Turkish horticulturist; explored in Mex 1990, 1991 & 1994–98; spouse Danka Zachar;
Book [1996] *Rod Turbinicarpus* [w R Stanik, A Lux & I Drab] Bratislava, Slovakia; Czech; 101p w 74 color photos,
[2004] *The Genus Turbinicarpus* Bratislava; 144p w 129 color photos.

Zagozdzinski, T;
Book [1975] *Kaktusy* [w A Zborski] Naklad, Poland; Polish; set of 9 postcards w 12 color photos.

†**Zahlbruckner**, (Prof) (Dr) Alexander (31 May 1860–8 May 1938); {Zahlbr.}; Austrian botanist & lichenologist; PhD at Vienna Univ 1883; prof & curator at Vienna Natural History Museum 1883~;
desc *species*:
(Mesemb) **schlechteri** (Western Cape) 1900 (na M Schlechter) —> **Lampranthus schlechteri** by HML Bolus 1950.

Zahradnik, C;
Book [1948] *I. Rocenka Spolku Ceskych Kaktusaru v Praze* Prague, Czech Rep; Czech; 56p,
[1972] *Book About Cacti* Moscow, Russia.

†**Zaletayeva**, Irina A (1902–1981); Russian horticulturist; member of Moscow Cactus Club 1956~;
Book [1972] *Knega o Kaktusak* = "A Book of Cacti" Moscow, Russia; Russian; 192p w 48 color photos; (rev 2002; 157p w 55 color photos).

Zameraly, Nizar; Antananarivo, Mada;
disc *species*:
(Aloe) **pachydactylos** [w T McCoy] (Mada) 2003 (desc by T McCoy & JJ Lavranos 2007).

Zamudio, [Zamudio Ruiz,] (Dr) Sergio (1953–); {Zamudio}; Mex biologist & botanist; PhD in science biology at Natl Autonomous Univ of Mex 2001;
desc *species*:

(Agave) **tenuifolia** [w E Sanchez] (Tamaulipas, Queretaro) 1995.

Zanovello, Carlo (1947–); {Zanov.}; Italian physicist & horticulturist; physics degree at Univ of Padoa 1973; founding member of Associazione Italiana Amatori Succulente (first natl succ soc in Italy) & co-editor of *Piante Grasse*; interested in plants of Horn of Africa & Mex;
Book [1992] *Alla Scoperta di Cactus Preziosi* = "To The Discovery of Precious Cacti" Padova; Italian; 167p w 164 color photos,

[2004] *Knowing, Understanding, Growing Turbinicarpus—Rapicactus* [w D Donati] Sudtirol, Italy; Italian, Ger & Eng editions; 254p w 381 color photos,

[2011] *Epithelantha 2011* [w D Donati] Sudtirol, Italy; Eng; 64p w 118 color photos;
transfer *species*:

"Echinocactus heterochromus" (FAC Weber 1940) —> **Thelocactus bicolor** ssp **heterochromus** [w A Mosco] 2000,

"Thelocactus beguinii" (NP Taylor 1983) —> **Turbinicarpus beguinii** [w A Mosco] 1997,

"Thelocactus garciae" (CE Glass & M Mendoza-Garcia 1997) —> **Thelocactus conothelos** ssp **garciae** [w A Mosco] 2000.

†**Zantner**, (Major) Georg Karl **Alfred** (30 Jan 1890–?1953?); {Zantner}; Ingolstadt, Ger; entered Bavarian military 1911; no spouse;
***species* nah:**

(Haworthia) **zantneriana** (Eastern Cape) (desc & nah by JKL von Poellnitz 1935).

Zapata, [Valenquela Zapata,] Ana Guadalupe Valenzuela;
Book [1994] *El Agave Tequilero (cultivo e industria de Mex)* Mex City, Mex; Spanish; 215.

Zappi, (Dr) **Daniela** Cristina (1965–); {Zappi}; Brazil to GB to Singapore 2011; plant taxonomist; PhD in biological sciences at Univ of São Paulo, Brazil 1992; researcher & staff trainer on S Amer neotropical plants at Kew 1992~;
IOS member 1990; interested in cacti & botany of Brazil & plant conservation projects; contributor to F Katterman's *Eriosyce* 1994 book; spouse NP Taylor;
Book [1994] *Pilosocereus (Cactaceae); The Genus in Brazil* Kew, Eng; Eng; 160p w 13 color plates (26 photos),

[2004] *Cacti of Eastern Brazil* [w NP Taylor] Kew; 499p w 279 color photos;
disc *species*:

(Opuntia) **werneri** [w UV Eggli & NP Taylor] (Bahia, Minas Gerais) (desc by UV Eggli 1992 & na Werner J Uebelmann) —> **Tacinga werneri** by NP Taylor & WH Stuppy 2002;
desc *species*:

(Cipocereus) **laniflorus** [w NP Taylor] (Minas Gerais) 1997 (disc by DC Zappi et al. 1990),

(Discocactus) **pseudoinsignis** [w NP Taylor] (Brazil) 1991,

(Pilosocereus) **azulensis** [w NP Taylor] (Minas Gerais) 1997 (disc by both & MM Harley 1988),

(Pilosocereus) **frewenii** [w NP Taylor] (Minas Gerais) 2011 (disc by DC Zappi & NP Taylor

2009 & na C Frewen),

(Rhipsalis) **olivifera** [w NP Taylor] (Rio de Janeiro, São Paulo) 1997 (disc by G Martinelli & JE Simonis 1983),

(Rhipsalis) **ormindoi** [w NP Taylor] (Rio de Janeiro) 1997 (disc by CMB Correia 1990 & na P Ormindo);

transfer *species*:

"Arthrocereus odorus" (F Ritter 1979) —> **Arthrocereus melanurus** ssp **odorus** [w NP Taylor] 1997,

"Cephalocereus zehntneri" (NL Britton & JN Rose 1920) —> **Pilosocereus gounellei** ssp **zehntneri** by 1994,

"Cereus balansae" (KM Schumann 1890) —> **Harrisia balansae** [w NP Taylor] 1997,

"Cereus crassisepalus" (AFH Buining & AJ Brederoo 1973) —> **Cipocereus crassisepalus** [w NP Taylor] 1991,

"Cereus glaziovii" (KM Schumann 1890) —> **Arthrocereus glaziovii** [w NP Taylor] 1991,

"Coleocephalocereus decumbens" (F Ritter 1968) —> **Coleocephalocereus fluminensis** ssp **decumbens** [w NP Taylor] 1997,

"Coleocephalocereus flavisetus" (F Ritter 1979) —> **Coleocephalocereus buxbaumianus** ssp **flavisetus** [w NP Taylor] 1997,

"Discocactus boomianus" (AFH Buining & AJ Brederoo 1971) —> **Disocactus zehntneri** ssp **boomianus** [w NP Taylor] 1991,

"Facheiroa estevesii" (PJ Braun 1986) —> **Facheiroa cephaliomelana** ssp **estevesii** [w NP Taylor] 1997,

"Floribunda pusilliflora" (F Ritter 1979) —> **Cipocereus pusilliflorus** [w NP Taylor] 1991,

"Pilocereus bradei" (C Backeberg & O Voll 1942) —> **Cipocereus bradei** [w NP Taylor] 1991,

"Pilosocereus aurilanatus" (F Ritter 1979) —> **Pilosocereus aurisetus** ssp **aurilanatus** 1994,

"Pilosocereus quadricostatus" (F Ritter 1979) —> **Pilosocereus floccosus** ssp **quadricostatus** 1994,

"Pilosocereus rosae" (PJ Braun 1984) —> **Pilosocereus fulvilanatus** ssp **rosae** 1994,

"Piptanthocereus calcirupicola" (F Ritter 1979) —> **Cereus jamacaru** ssp **calcirupicola** [w NP Taylor] 1997,

"Piptanthocereus sericifer" (F Ritter 1979) —> **Cereus fernambucensis** ssp **sericifer** [w NP Taylor] 1997,

"Pseudopilocereus ruschianus" (AFH Buining & AJ Brederoo 1980) —> **Pilosocereus brasiliensis** ssp **ruschianus** 1994;

desc *subsp*:

(Arthrocereus melanurus ssp) **magnus** [w NP Taylor] (Minas Gerais) 1997,

(Cipocereus minensis ssp) **leiocarpus** [w NP Taylor] (Minas Gerais) 2004 (disc by NP Taylor et al. 1991),

(Rhipsalis floccosa ssp) **oreophila** [w NP Taylor] (Brazil) 1998 (disc by F Ritter 1964);

transfer *variety*:

"Pereskia grandifolia var violacea" (BE Leuenberger 1986) —> **Pereskia grandifolia** ssp **violaceae** [w NP Taylor] 1997.

Zardini, (Dr) Elsa Matilde (9 Jun 1949–); {Zardini}; Argentina botanist; PhD at Natl Univ of La Plata, Paraguay 1974; curator at Missouri Bot Garden (St. Louis) 2011; explored in Brazil, Argentina & Paraguay;

desc *species*:

(Sedum) **jujuyense**(Jujuy) 1971.

Zaremaeba, IA;

Book [1972] *Book About Cacti* Moscow, Russia; Russian?; 192p.

†**Zaruba**, [Záruba,] Antonín (26 Mar 1867–15 Nov 1937); Czech Rep horticulturist; owner of cactus nursery at Prague;

Book [1924] *Maje Vzpominky Kaktusarske* Prague, Czech Rep; Czech; 48p.

Zavadil, Emil; Czech Rep horticulturist;

Book [1964] *Seznam Pestitelu Kaktusu a Sukulentnich Rostlin a Krouzku Kaktusaru v. C.S.S.R.* Ostrava, Czech Rep; Czech; 253p,

[1969] *Adresar Kakutsaru v C.S.S.R.* Ostrava; Czech; 378p,

[1969] *Jubilejni Sbornik Praci O Kaktusech* Ostrava; Czech; 131p,

[1974] *Bibliography of Succ Plant Literature in Czecholovakia up to the Year 1974* Czech Rep; Czech; 23p.

Zazvorka, [Zázvorka,] J; Czech Rep;

Book [1993] *Jména Kaktusu A.V.Fric, Aztekia* [w V Sedivy] Prague, Czech Rep; Czech w Eng summary; 98p.

†**Zbinden**, P;

Book [1931] *Städtische Sukkulentensammlung Zurich* Zurich, Switzerland; Ger; 194p; (catalog of Zurich state collection).

Zborski, A;

Book [1975] *Kaktusy* [w T Zagozdzinski] Naklad, Poland; Polish; set of 9 postcards w 12 color photos.

Zecher, Ernst (1942–); {Zecher}; Austrian horticulturist; succ gardener at Schloss Shoenbronn bot garden; explored in Argentina w W Rausch & in Peru; IOS member 1976; spouse Ilse Zecher;

Book [1988] *Kakteen-Erstbeschrebungen von Prof. Dr. Martin Cardenas (1899–1973), Bolivien (Eine Zusammenstallung mit Sammelnummern und Literaturhinweisen* Wien, Ger; Ger; 20p;

✪desc *species*:

° (Matucana) **polzii** [w L Diers & JD Donald) (Huanuco) 1986 (na F Polz) —> **Matucana aurantiace** ssp **polzii** by R Mottram 2002.

Zee, Dick van der; Netherlands?;
Book [2004] *Schlumbergera* [w F Supplie]; Eng/Ger/Dutch; 64p.

†**Zeederberg**, (Mr) ? (fl. 1934);
species **nah:**
(Delosperma) **zeederbergii** (Transvaal) (desc & nah by HML Bolus 1934).

†**Zeevaart**, (Prof) (Dr) Jan Adriaan Dingenis (5 Jan 1930–25 Nov 2009); Dutch biologist & horticulturist; PhD at Wageningen Agricultural Univ 1958; to US at Caltech, Pasadena, Calif 1959–1961; to Canada at McMaster Univ, Hamilton, Ontario 1962–64; prof at Michigan State Univ Plant Research Laboratory 1965~; spouse Riet Zeevaart;
Book [1958] *Flower Formation as Studied by Grafting (Kalanchoe blossfeldiana & Sedum spectabile)* Wageningen, Netherlands; 88p; (PhD thesis).

†**Zehntner**, (Dr) Leo (1 Jan 1864–3 Apr 1961); Swiss botanist & naturalist; PhD at Bern Univ 1890; naturalist at Research Station Pasuruan, Java, Indonesia 1894–1904; dir of forest research station in Juazeiro, Bahia, Brazil 1912–16; explored in Brazil; worked for JN Rose;
disc *genus*:
Zehntnerella (Brazil) (desc & nah by NL Britton & JN Rose 1920) (syn of Facheiroa);
species **nah:**
(Cactus) **zehntneri** (Brazil) (desc & nah by NL Britton & JN Rose 1922) —> **Melocactus zehntneri** by P von Lutzelburg 1926;
disc *species*:
(Cephalocereus) **zehntneri** (Bahia, Minas Gerais) 1917 (desc & nah by NL Britton & JN Rose 1920) —> **Pilosocereus gounellei** ssp **zehntneri** by DC Zappi 1994,
(Discocactus) **bahiensis** (Brazil) 1915 (desc by NL Britton & JN Rose 1922),
(Discocactus) **zehntneri** (Bahia) (desc & nah by NL Britton & JN Rose 1922),
(Pereskia) **stenantha** (Bahia, Minas Gerais) 1912 (desc by F Ritter 1979),
(Pereskia) **zehntneri** (Bahia, Minas Gerais) 1912 (desc & nah by NL Britton & JN Rose 1919) —> **Quiabentia zehntneri** by NL Britton & JN Rose 1923,
(Tacinga) **funalis** (Bahia, Pernambuco) ≈1915 (desc by NL Britton & JN Rose 1919).

†**Zeijlemaker**, FCJ;
Book [1933] *Beknopte Cactus-Botanie Speciaal Samengesteld Voor Cactusverzamelaars* Utrecht, Netherlands; Dutch; 28p.

†**Zelebor**, Johann (5 Dec 1819–19 Feb 1869); Austrian naturalist, illustrator & zoologist; taxidermist at Vienna Natural History Museum; zoological collector on Austrian ship Novara expedition of circumnavigation around world 1857–59;
species **nah:**
(Sempervivum) **zeleborii** (Bulgaria, Yugoslavia, Greece, Romania) (desc & nah by HW Schott 1857).

†**Zeyher**, **Carl** [Karl, Carolo] Ludwig Philipp (2 Aug 1799–13 Dec 1858); {Zeyh.};
Ger gardener; to RSA 1822; botanical collector at Cape 1822~,
w CF Ecklon 1829–38 & w J Burke 1842–43;
Book [1834–37] *Enumeratio plantarum Africae* [w CF Ecklon] (in 3 parts);
***species* nah:**

(Aizoon) **zeyheri** (Namaq) (desc & nah by OW Sonder 1862),

(Aloe) **zeyheri** (desc & nah by JMF Salm-Dyck 1863) —> **Gasteria zeyheri** by JG Baker 1880,

(Cotyledon) **zeyheri** (Western Cape, Eastern Cape) (desc & nah by WH Harvey 1862) —> **Adromischus cristatus** var **zeyheri** by HR Tolken 1978,

(Erythrina) **zeyheri** (Zimbabwe, Lesotho, Gauteng, Mpumalanga, North-West, Free State, Natal) (desc & nah by WH Harvey 1862),

(Jatropha) **zeyheri** (Limpopo, North-West, Mpumalanga) (desc & nah by OW Sonder 1850),

(Mesemb) **zeyheri** (Eastern Cape) (desc & nah by JFM Salm-Dyck 1842) —> **Lampranthus zeyheri** by NE Brown 1930,

(Raphionacme) **zeyheri** (Eastern Cape) (desc & nah by WH Harvey 1842);

disc *species* (w/o CF Ecklon):

(Ceropegia) **zeyheri** (Eastern Cape) (desc & nah by FRR Schlechter 1905),

(Cotyledon) **tomentosa** (Western Cape, Eastern Cape) (desc by WH Harvey 1862),

(Euphorbia) **amarifontana** (Western Cape) c1824 (desc by NE Brown 1915),

(Euphorbia) **gentilis** (Northern Cape) c1840 (desc by NE Brown 1915),

(Euphorbia) **gorgonis** (Eastern Cape) c1840 (desc by A Berger 1910),

(Euphorbia) **ledienii** (Eastern Cape) c1824 (desc by A Berger 1907 & na F Ledien),

(Euphorbia) **mixta** (Western Cape) 1847 (desc by NE Brown 1915),

(Euphorbia) **pseudotuberosa** (Mpumalanga, Northern Cape) c1840 (desc by FA Pax 1908),

(Euphorbia) **pubiglans** (Eastern Cape) c1824 (desc by NE Brown 1915),

(Euphorbia) **trichadenia** [w J Burke] (Angola, Namibia, Zimbabwe, Mpumalanga, Limpopo) c1841 (desc by FA Pax 1894),

(Kalanchoe) **paniculata** [w J Burke] (RSA, Mozambique, Zimbabwe) 1839–40 (desc by WH Harvey 1861),

(Piaranthus) **comptus** [w J Burke] (Cape) 1841 (desc by NE Brown 1890).

[See listing under CF Ecklon for genera & species desc by both CF Ecklon & CLP Zeyher.]

Zhang, Ding Cheng (1939–); {D.C.Zhang};
desc *species*:

(Sedum) **shitaiense** [w Y Zheng] (China) 2000.

Zhang, Xio Ping (fl. 1987); {X.P.Zhang];
desc *species*:

(Sedum) **wannanense** [w XH Guo & XH Chen] (China) 1999.

Zhang, Yan Min (1957–); {Y.M.Zhang};
desc *species*:
(Sedum) **jiaodongense** [w XD Chen] (China) 1990 (disc by YM Zhang 1988).

Zheng, Yan (fl. 2000); {Y.Zheng};
desc *species*:
(Sedum) **shitaiense** [w DC Zhang] (China) 2000.

Zhu, Liangfeng (1937–); Chinese chemist & botanist; interested in & painter of Aloes;
Book [2007] *Aloe* Shanghai, China; Chinese/Eng text; 224p;
(primarily a book of 108 watercolor paintings by L Zhu).

Zhu, [Chu,] You Chang (1924–); {Y.C.Zhu or Y.C.Chu};
transfer *variety*:
"Sedum aizoon var glabrifolium" (M Kitagawa) —> **Sedum aizoon** fa **glabrifolium** 1989,
"Sedum aizoon var latifolium" (CJI Maximowicz) —> **Sedum aizoon** fa **latifolium** 1989.

†**Ziesenhenne**, Rudolf [**Rudy**] Christian (15 Feb 1911–2005); {Ziesenh.}; US horticulturist & nurseryman; owner of Rudolf Ziesenhenne Nursery, Santa Barbara, Calif 1934~; member of Amer Begonia Soc 1935~; specialized in Begonia;
spouse Margaret [née Selover] Ziesenhenne;
desc *species*:
(Begonia) **bogneri** (Mada) 1973 (na J Bogner).

†**Zijl**, Dorothy van; plant enthusiast from Clanwilliam, Western Cape;
spouse Judge-President HS van Zijl;
***genus* nah:**
Vanzijlia (Cape) (desc & nah by HML Bolus 1927);
***species* nah:**
(Mesemb) **vanzijliae** (Western Cape) (desc & nah by HML Bolus 1922) —> **Lampranthus vanzijliae** by NE Brown 1930.

†**Zilz**, (Dr med) Juljan [Julian] (24 Nov 1871–18 Jul 1930); Austrian physician
MD degree in Vienna 1893; pres of Vienna Branch of Austrian Cactus Soc 1930;
***species* nah:**
(Coryphantha) **zilziana** (Coahuila) (desc & nah by F Boedeker 1930) —> **Escobaria zilziana** by C Backeberg 1961.

Zimmerman, Allan Dale (26 May 1957–); {A.D.Zimmerman}; US biologist;
DSc in ecology & evolutionary biology at Univ of Texas, Austin 1985;
specializing in Cactaceae & floristics at Desert Bot Garden, Phoenix, Ariazona;
Book [1985] *Systematics of the Genus Coryphantha (Cactaceae)* Austin, Texas; Eng; 448p;
(doctorate dissertation);

transfer *species*:
"Echinocactus mandragora (A Berger 1929) —> **Turbinicarpus mandragora** 1991,
"Echinocactus subterraneus" (C Backeberg 1932) —> **Turbinicarpus subterraneus** 1991.

†**Zimmermann**, **Albrecht** Wilhelm Philipp (23 Apr 1860–22 Feb 1931); {Zimm. or A.Zimm.}; Ger botanist & mycologist; botanist at Coffee Culture Experiment Station at Amani in East Africa 1902–20;
***species* nah:**
(Cyphostemma) **zimmermannii** (Kenya, Tanzania) (desc & nah by B Verdcourt 1993);
desc *species*:
(Momordica) **rostrata** (Ethiopia, Kenya, Tanzania, Uganda) 1922.

Zimmermann, CE;
Book [1969] *The Causes & Characteristics of Weediness in Portulaca oleracea*; 263p.

Zimmermann, (Dr) Helmuth G (1943–); RSA entomologist;
PhD at Rhodes Univ; researcher at Researdh Institute ≈2004; at Helmuth G Zimmermann & Associates, Pretoria, RSA;
Book [2012] *Naturalised & Invasive Succulents of Southern Africa, ABC Taxa Journal Vol 11* [w M Walters, E Figueiredo, PJD Winter, GF Smith, NR Crouch & BK Mashope]; RSA; Eng; 360p.

Zimmermann, Konstanze; Ger; spouse NFA Zimmermann;
***species* nah:**
(Schwantesia) **constanceae** (Namibia) (desc & nah by NFA Zimmermann 1996).

†**Zimmermann**, (Dr med) Norbert FA (–2006); {N.Zimm.}; Ger physician & amateur botanist; IOS member 1991; spouse K Zimmermann;
desc *species*:
(Euphorbia) **estevesii** [w PJ Braun] (Goias) 2000 (na E Esteves Pereira),
(Schwantesia) **constanceae** (Namibia) 1996 (na Konstanze Zimmermann).

Zinovieva, NF; Russian horticulturist;
Book [1976] *Kaktusy Droogeya Sukkulenty v Doty = "Cacti & Other Succ in the Home"* [w DN Shirobokova] Tashkent, Russia; Russian; 47p w 4 color plates.

Zitza, E;
Book [1986] *Festschrift zum 25-Jahrigen Bestehen der Fachgruppe Kakteen und andere Sukkulenten im Kulturbund der DDR* [w R Elix & M Haude] Gorlitz; 32p.

Zoehfeld, [née Weidner,] Kathleen; US author & illustrator of science books for children;
Book [1997] *Cactus Café*; Eng; 27p willustrations by Paul Mirocha; (juvenile).

†**Zohary**, [né Schein,] (Prof) (Dr) Michael (1898–15 Apr 1983); {Zohary};
Polish botanist; to Israel 1920; PhD at Praha 1936;
prof of botany at Hebrew Univ, Jerusalem, Israel 1926–67;
desc *variety*:
(Caralluma europaea var) **judaica** (Israel, Jordan) 1941.

Zoltan, [Zoltán,] Mészáros; Hungarian botanistat Research Institute for Plant Protection, Budapest, Hungary; collected in Cuba 1974–75;
Book [1969] *Virāgzō Kaktuszok* Budapest; Hungarian; 311p,
[1971] *Tőrpe Kaktuszok* [w S Dezso] Budapest; Hungarian; 129p,
[1976] T*he Melocactus Species of Cuba* Budapest; Hungarian; 20p; (from Acta Bot Academy of Sciences, Hungary, Vol 22, Issues 1 & 2).

Zonneveld, Bernardus [**Ben**] Joannes Maria (1940–); {Zonn.};
Noordwijk, Netherlands biologist; PhD in mathematical sciences (biology & genetics) at Leiden Univ, Netherlands 1972; prof of genetics at Institute of Biology, Leiden Univ 1968~; interested in Crassulaceae; explored for Sempervivums in S Europe 1970s–90s, Zuid Africa 2000 & Mex 2005;
desc *species*:
(Chortolirion) **latifolium** [w GPJ Fritz] (Free State) 2010 (disc by GPJ Fritz 2009);
transfer *species*:
"Aloe comptonii" (GW Reynolds 1950) —> **Aloe mitriformis** ssp **comptonii** 2002,
"Aloe distans" (AH Haworth 1812) —> **Aloe mitriformis** ssp **distans** 2002,
"Aloe pillansii" (L Guthrie 1928) —> **Aloe dichotoma** ssp **pillansii** 2002,
"Aloe ramosissima" (NS Pillans 1937) —> **Aloe dichotoma** ssp **ramosissima** 2002,
"Crassocephalum notonioides" (SLM Moore 1902) —> **Senecio notonioides** 1004,
"Gasteria pendulifolia" (EJ van Jaarsveld 2001) —> **Gasteria croucheri** ssp **pendulifolia** 2005,
“Notonia grantii” (D Oliver & WP Hiern 1877) —> **Senecio grantii** 2004,
“Sempervivum arvernense” (H Lecoq & M Lamotte 1847) —> **Sempervivum tectorum** var **arvernense** 1999,
“Sempervivum ballsii” (RS Wale 1940) —> **Sempervivum marmoreum** ssp **ballsii** 1999,
“Sempervivum erythraeum” (J Velenovsky 1940) —> **Sempervivum marmoreum** ssp **erythraeum** 1998,
“Sempervivum reginae-amaliae” (PE Boissier 1872) —> **Sempervivum marmoreum** ssp **reginae-amaliae** 1999,
“Sempervivum octopodes (WB Turrill 1937) —> **Sempervivum ciliosum** sp **octopodes** 1998,
"Senecio rowleyanus" (HJ Jacobsen 1968) —> **Senecio radicans 'Gordon Rowley'** 2005.

Zsolt, Debreczy;
Book [1976] *Télálló Kaktuszok, Agávék és Pálmaliliomok* Budapest, Hungary; Hungarian; 278p w 4 color plates.

Zubler, Ruth (fl. 1987); Swiss cactus enthusiast near Basel;

disc *species*:
(Mamm) **zublerae** (Tamaulipas) 1981 (desc & nah by W Reppenhagen 1987).

†**Zuccarini**, (Prof) (Dr med) Joseph Gerhard (10 Aug 1797–18 Feb 1848); {Zucc.}; Ger botanist & physician; MD at Erlangen 1819; prof of botany at Univ of München, Ger 1826~; specialized in Cactaceae;
Book [1832–46] *Plantarum Novarum vel Minus Cognitarum Quae in Horto Botanico Regio Monacensi Servantur—Cactaceae* Munich, Ger; Ger; (in 4 Vols);
desc *genera*:
Dasylirion (Arizona, Texas, Mex) 1838,
Echinopsis (Argentina, Uruguay, Paraguay, Brazil, Peru, Bolivia) 1837;
desc *species*:
(Agave) **karwinskii** (Puebla, Veracruz, Oaxaca) 1832 (na WF von Karwinsky),
(Agave) **macroacantha** (Puebla, Oaxaca) 1832,
(Agave) **potatorum** (Puebla, Oaxaca) 1832,
(Agave) **striata** (Mex) 1832,
(Cereus) **martianus** (Oaxaca) 1832 (na CFP von Martius) —> **Disocactus martianus** by WA Barthlott 1991;
(Cereus) **testudo** (Belize, Costa Rica, Guatemala, Honduras, Nicaragua, Chiapas, Oaxaca, Tabasco, Veracruz) 1837 —> **Strophocactus testudo** by R Bauer 2003,
(Dasylirion) **graminifolium** (San Luis Potosi) 1833,
(Echinocactus) **asterias** (Texas, Nuevo Leon, Tamaulipas) 1845 (disc by WF von Karwinsky 1843) —> **Astrophytum asterias** by AC Lemaire 1868,
(Euphorbia) **antisyphlitica** (US, Mex) 1832,
(Furcraea) **longaeva** [w WF von Karwinsky] (Guerrero, Oaxaca, Puebla) 1832;
transfer *species*:
"Yucca acrotricha" (CJW Schiede 1829) —> **Dasylirion acrotrichum** 1840,
"Yucca serratifolia" (JH Schultes 1830) —> **Dasylirion serratifolium** 1840.

Zurek, Nikolay;
Book [1995] *Cactus—A Prickly Portrait of a Desert Eccentric* [w L Hinrichs & ML Ford]; San Francisco, Calif; 96p.

†**Zwaan**, A;
Book [1930] *Cactussen, een Voudige Handleiding voor Amateurkweekers*; Dutch; 32p.

Zwinger, [née Haymond,] Ann (12 Mar 1925–); US naturalist, artist & writer; AB in arts at Wellesley College 1946; prof of English & southwest studies at Colorado College; spouse Hermon Zwinger;
Book [1983] *A Desert Country Near the Sea (A Natural History of the Cape Region of Baja Calif)* NYC; Eng; 399p.

†**Zyl**, Gert H van; RSA postmaster at Pofadder, N Cape;

species **nah:**

(Ruschia) **vanzylii** (Northern Cape) (desc & nah by HML Bolus 1930) —> **Antimima vanzylii** by HEK Hartmann 1998;

disc *species*:

(Cheiridopsis) **vanzylii** (Cape)1928 (desc & nah by HML Bolus 1929) —> **Ihlenfeldtia vanzylii** by HEK Hartmann 1992,

(Conophytum) **vanzylii** (Little Namaq) 1929 (desc & nah by MG Lavis 1931) —> **Conophytum calculus** ssp **vanzylii** by SA Hammer 1993,

(Lithops) **vanzylii** (Cape) 1931 (desc & nah by HML Bolus 1932) —> **Dinteranthus vanzylii** by MHG Schwantes 1951.

†**Zyl le Roux**, (Revd) JA van;

disc *species*:

(Euphorbia) **jansenvillensis** (Eastern Cape) 1932 (desc by GC Nel 1935).

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